

CATALOGUE

OF THE

UNIVERSITY OF ARKANSAS

FOR 1907-08

ANNOUNCEMENT FOR 1908-09



FOUNDED MARCH 27, 1871

FAYETTEVILLE, ARKANSAS

CALENDAR

1908							1908							1909						
JULY							JANUARY							JANUARY						
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..	31
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15	16	17	18	19	20	21	17	18	19	20	21	22	23	9	10	11	12	13	14	15
22	23	24	25	26	27	28	24	25	26	27	28	29	30	16	17	18	19	20	21	22
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CALENDAR, 1908-1909

1908.

- SEPT. 16. *Academic Year* Begins in all Departments at Fayetteville—Wednesday.
- SEPT. 16-19. Examinations for admission to B. A., Engineering, Normal and Preparatory Courses—Wednesday to Saturday.
- SEPT. 21. Fall Term Begins in the Law School, Little Rock—Monday.
- SEPT. 28. Regular Session Begins in the Medical School, Little Rock—Monday.

1909.

- JAN. 16. Fall Term of Law School Ends—Saturday.
- JAN. 18. Spring Term of Law School Begins—Monday.
- JAN. 23. Mid-Year Examinations Begin in the Departments at Fayetteville—Saturday.
- JAN. 30. First Term Ends in all Departments at Fayetteville—Saturday.
- FEB. 1. Second Term Begins in all Departments at Fayetteville—Monday.
- APR. 28. Regular Session Ends in the Medical School, Little Rock.
- APR. 30. Last day for Receiving Essays for the William Jennings Bryan Prize—Saturday.
- MAY 26. Final Examinations Begin in the Departments at Fayetteville—Thursday.
- MAY 28. Spring Term of Law School Ends—Saturday.
- MAY 30. Memorial Day—a Holiday—Monday.
- JUNE 3. Memorial Day—a Holiday—Friday.
- JUNE 5. Baccalaureate Sermon, U. of A. Chapel—Sunday.
- JUNE 8. Commencement—Wednesday.

DEPARTMENTS OF THE UNIVERSITY

The University comprehends the following departments:

At Fayetteville:

THE COLLEGE OF LIBERAL ARTS, SCIENCES, AND ENGINEERING.

THE COLLEGE OF AGRICULTURE.

THE CONSERVATORY OF MUSIC AND ART.

THE PREPARATORY SCHOOL.

THE AGRICULTURAL EXPERIMENT STATION.

At Little Rock: •

THE MEDICAL SCHOOL.

THE LAW SCHOOL.

At Pine Bluff:

THE BRANCH NORMAL COLLEGE.

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†From September, 1908.

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President of University.

JOHN HUGH CARMICHAEL, LL. B., DEAN,
*Contracts, Domestic Relations, Judgments, Constitutional
Law, Conflict of Laws.*

JOHN FLETCHER, LL. M.,
Real Property.

GEORGE WASHINGTON MURPHY, LL. B.
Law of Evidence.

TOM M. MEHAFFY, LL. B.,
Law of Torts.

EDWARD WADSWORTH WINFIELD, LL. B.,
Law of Bailments.

JESSE C. HART, LL. B.,
Equity of Jurisprudence.

LEWIS RHOTON, LL. B.,
Criminal Law, Practice and Procedure.

THOMAS NEEDHAM ROBERTSON, LL. B., SECRETARY,
*Agency, Negotiable Instruments, Pleading and Practice,
Insurance.*

THOMAS EDWARD HELM, LL. B.,
Fraudulent Conveyances.

AUGUSTUS MARION FULK, LL. B.,
Law of Corporations.

R. E. WILEY, LL. B.,
Bankrupt Law.

WILLIAM BURT BROOKS, LL. B.,
Law of Partnership.

LECTURERS.

U. S. SENATOR JAMES P. CLARKE.

JUDGE JACOB TRIEBER.

MORRIS MATTHIAS COHN.

JAMES HARWOOD HARROD.

GEORGE B. ROSE.

THE BRANCH NORMAL COLLEGE.

Pine Bluff.

ISAAC FISHER, PRINCIPAL,
Psychology, Ethics, and Pedagogy.

ABRAHAM WILLIS JOHNSON,
Mathematics, English, and Latin.

FREDERICK THOMAS VINEGAR,
Latin, Mathematics, and Physics.

ELLA CHARLOTTE MAYS,
Algebra, Arithmetic, Ancient History, and Music.

THOMAS CLAY OGBURN,
Chemistry, Geography, and United States History.

SADIE M. PEEBLES,
Free Hand Drawing, English, and Arithmetic.

MAMIE BRAWLEY JUNE,

Dressmaking.

BURTON NEILL WILSON, B. Sc. M. E.,

Superintendent of Mechanic Arts.

WILLIAM STEPHENS HARRIS,

Assistant Superintendent of Mechanic Arts.

JAMES LINCOLN ROSS,

Machine Shop and Forge.

COMMITTEES OF THE FACULTY.

The President of the University is *ex-officio* a member of all Standing Committees.

ON DISCIPLINE—Professors Gladson and Pickel.

ON DOUBTFUL CASES—Professors Knoch, Reynolds and Carroll.

ON CLASSIFICATION AND PETITIONS—B. A. students, Professors Purdue, Shannon and Droke; B. M. E. student, Professor Wilson; B. C. E. students, Professor Knoch; B. E. E. students, Professor Gladson; B. Mi. E. students, Associate Professor Steel; B. Ch. E. and B. S. C. students, Professors Purdue, Shannon and Droke; B. M. E. students, Nelson; Conservatory students, Director Yates; Preparatory students, Principal Ramsey.

ON ACCREDITED SCHOOLS—Professors Reynolds, Dunn, Carroll, and Shannon.

ON THE LIBRARY—Professors Shannon, Reynolds, Purdue, and Mrs. Lawrence.

ON ATHLETICS—Professors Armistead and Futrall.

ON THE CATALOGUE—Professors Futrall, Knoch, and Marinoni.

ON THE SCHEDULE—Professors Futrall, Purdue, and Gladson.

ON EMPLOYMENT—Professors Johnson, Knoch, and Shannon.

ON ENTERTAINMENTS—Professors Wilson, Brough, and Yates.

ON COMMENCEMENT—Professors Johnson, Droke, and Gladson.

ON ADVISERS—Professors Droke, Brough, Shannon, and Ramsey.

GENERAL STATEMENT

ORIGIN.

The University of Arkansas owes its origin to an act of congress, approved July 2, 1862, providing that public lands should be granted to the several states, to the amount of "30,000 acres for each senator and representative in congress," for the sale of which there should be established a perpetual fund, "the interest of which shall be inviolably appropriated by each state, which may take and claim the benefit of this act, to the endowment, support, and maintenance of at least one college, where the leading object shall be, without excluding other scientific and classical studies and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislature of the states may respectively prescribe, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." The act forbids the use of any portion of the aforesaid fund, or of the interest thereon, for the purchase, erection, or maintenance of any building or buildings. The states accepting the provisions of the act are required to provide for the construction and maintenance of the necessary buildings, and for the expenses of administration in carrying out the purposes of the act.

The general assembly of the state of Arkansas accepted the national law by passing an act, approved March 27, 1871, which provided for the location, organization and maintenance of the University of Arkansas, and which allowed the several counties of the state to compete until a certain time for the location of the University by making public or private donations of bonds, moneys, or lands. Several individuals and communities made bids: Washington, the only county that competed voted \$100,000. Fayetteville, Washington County, voted \$30,000 in addition, and was selected as the seat of the University. The institution was opened January 22, 1872.

Under an act of congress, approved March 2, 1887, the University receives \$15,000 annually for the maintenance of the experiment station, "to aid in acquiring and diffusing among the people useful and practical information on subjects connected

with agriculture, and to promote scientific investigation and experiment respecting the principles and applications of agricultural science." In 1906, the congress passed an act increasing this appropriation by the sum of \$5,000 the first year, and providing for an additional increase of \$2,000 per annum, until such increased appropriation reaches \$15,000 annually.

Under an act of congress, approved August 30, 1890, the University receives \$25,000 annually, "to be applied only to instruction in agriculture, the mechanic arts, the English language, and the various branches of mathematical, physical, natural and economic science, with special reference to their application to the industries of life."

On March 4, 1907, the congress passed an act increasing this appropriation at the rate of \$5,000 per annum, until the total amount appropriated annually reaches \$50,000.

As required by law, three-elevenths of this sum goes to the Branch Normal College at Pine Bluff.

PURPOSE.

The University is at the head of the public educational system of the state of Arkansas. It seeks to foster the higher educational interests of the state, broadly and generously interpreted, and to make provision for the demands of advanced scholarship in as many lines as its means will permit. It is the aim of its faculty and board of trustees, from year to year, to bring it into still closer articulation with the public schools of the state, and in connection with them to afford to all the youth of either sex ample facilities for liberal education in literature and science, and technical education in the industrial arts and professional studies.

Through the aid received from the United States and from the state of Arkansas, the University is enabled to offer to its students free tuition, except in the studies of law, medicine, music, and art, and to open wide her doors to all seekers of learning.

LOCATION.

Five of the eight divisions of the University, viz.: the College of Liberal Arts, Sciences and Engineering, the Preparatory School, the Conservatory of Music and Arts, the College of

Agriculture, and the Agricultural Experiment Station, are located at Fayetteville, Washington County, Arkansas. Situated in the heart of the Ozark Mountains, it is more than 1,500 feet above the sea level. The location is thought to be unsurpassed in salubrity of climate, in beauty of surrounding scenery, in variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

Students may reach Fayetteville from both the north and the south by the Texas branch of the St. Louis & San Francisco Railroad, which has four trains daily each way, and various connections with other roads, both north and south. From the west students may reach Fayetteville by the Ozark & Cherokee Central Railroad.

EQUIPMENT OF THE UNIVERSITY AT FAYETTEVILLE

UNIVERSITY HALL.

This is a brick structure with cut stone trimmings and a stone foundation. It is four stories in height above the basement. It consists of a front building, two hundred and fourteen feet in length, and two wings, each one hundred and twenty-four feet in depth, the whole forming three sides of a quadrangle. This building contains a large number of class rooms, chapel, departmental libraries of mathematics, and English and modern languages, general library and collegiate study hall, separate study halls for the boys and girls of the Preparatory School, armory, magazine, band room, laboratories for biology, geology and mining engineering, music and art rooms, president's and commandant's offices, natural history museum, literary society halls, toilet rooms, etc., in all, seventy rooms, together with broad corridors and stairways. The building is heated by steam lighted by electricity, and supplied with water from the city waterworks.

ENGINEERING HALL.

Engineering Hall is located on the main driveway, just south of University Hall. It accommodates the departments of electrical, civil, and mechanical engineering, with offices, lecture rooms, and laboratories. It is built of native sandstone and pressed brick, with limestone trimmings.

The building is one hundred and fifty by fifty eight feet, four inches, three stories high, and contains thirty-two rooms, aggregating about 20,000 square feet of floor space. A corridor divides the building from east to west and is intersected at the middle by another hallway from the front of the building, thus giving easy access to any room.

In addition to the laboratories, offices, lecture rooms, and draughting rooms of departments of engineering, there is an assembly room on the first floor for the accommodation of the engineering societies, and other gatherings too large to be accommodated in a lecture room.

The library and reading room contains engineering magazines, journals and technical works on engineering.

MECHANICAL HALL.

Mechanical Hall is of brick, forty feet wide and one hundred and fifty five feet in length, with an ell thirty-five by forty feet, and contains the machine shop, wood shop, foundry, and forge shop. The shops will accommodate about seventy-five students at one time. Adjoining on the east is a boiler room fifty three by fifty four feet, containing three fire tube boilers of seventy horse power each, one water tube boiler of one hundred horse-power, one water tube boiler of one hundred and fifty horse power, and also the necessary pumps, injectors, water heaters, etc.

COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.

The College of Agriculture and the Agricultural Experiment Station are closely related and united in their work, the personnel of their working forces being largely the same. The equipment of the Experiment Station, including field experiments and the results of investigations, is at the disposal of the college for purposes of instruction and demonstration.

The buildings include two old experiment station buildings which are devoted largely to laboratories and offices. In them are found the offices, laboratories, and such equipment as is necessary for indoor work of the departments of Animal Husbandry, Agricultural Chemistry, and Veterinary Science.

In the new agricultural building is found the office of the Dean and Director, Entomologist, Horticulturist, and Agriculturist, also the class rooms and laboratories of Entomology, Horticulture, and Agronomy.

A two-story stone building contains the Dairy Department with class rooms, laboratories, and a commercial creamery and cheese factory for College and Experiment Station work in Dairying.

A greenhouse serves to keep up a stock of plants for campus and indoor decorations and offers a place for experiments and instruction in forcing and greenhouse methods. There are also a cottage for the farm foreman, barns, and implement and tool houses for the various departments.

CHEMISTRY BUILDING.

On the first floor are located laboratories for qualitative and quantitative analysis, organic and physical chemistry, a private office and laboratory and a balance room.

On second floor is the general lecture room, accommodating over one hundred and fifty students, with raised seats, giving each student full view of the lecturer's demonstrating table. Occupying all of one end of the second floor is the general chemistry laboratory, thirty-eight by forty-two feet, with a large balance room, storage room, and other accessories.

PHYSICS BUILDING.

This structure is forty by fifty feet, devoted exclusively to laboratory work in Physics. The assembly room, and a smaller room in Engineering Hall are used for recitations. The laboratory is divided into two large rooms, containing at the center a space of ten by ten feet as the general store room. Solid oak tables on piers independent of the floor fulfill the conditions of required steadiness, as do also the galvanometer posts similarly built. Numerous cases contain a good supply of apparatus.

BUCHANAN HALL.

This is a substantial and handsome brick building, three stories high, and containing over forty rooms. It is favorably located, with a view to the health of the occupants, and convenience of access to University Hall. The rooms are large, well ventilated and lighted, and open into broad corridors extending lengthwise through the building. From a side veranda in front there are three entrances to the building. There are also two rear entrances. Behind the hall a brick bath house has been erected, which contains bath and toilet rooms, supplied with cold and hot water.

HILL HALL.

In honor of Lieutenant General Daniel Harvey Hill, U. S. A., who served long as president of the University of Arkansas from June 16, 1877, until June 6, 1884, the name "Hill Hall" has been given the building known until 1906 as the "New Dormitory."

This structure, for which a special appropriation was made by the general assembly of 1901, is located west of University Hall, and north of Buchanan Hall, and is convenient of access to both buildings. It is a substantial brick structure, three stories high, with a foundation of range stone work, and with trimmings of dressed limestone, and contains in all some twenty-five rooms. The first story contains a commodious dining hall, thirty-eight by eighty-six feet, which is sufficiently large to accommodate all students who occupy rooms in University dormitories. On this floor are also kitchen, storeroom, furnace room, coal bin, etc. The second and third stories contain some twenty rooms for students, besides ample corridors, stairways, etc. By the aid of the superintendent and the liberality of the students and citizens a handsome suite of parlors has been tastefully and elegantly furnished. The entire building is heated by steam, lighted by electricity, and supplied with water by the city waterworks.

GRAY HALL.

This is a dormitory for young men. It is named in honor of Colonel Oliver Crosby Gray, C. S. A. Born and educated in Maine, he became thoroughly and prominently identified with the interests of the state of Arkansas. For a number of years he was Professor of Mathematics and Commandant in the University of Arkansas.

It was the purpose in the arrangement and planning of Gray Hall to provide as many bed rooms as possible with every comfort and convenience patterned after the U. S. Army barracks, with a two-story veranda extending entirely across the front.

Each of the two floors has thirty-four bed rooms and four large linen closets. The bed rooms are of an average size of twelve by fourteen feet, for two students each with a large wardrobe and book-shelf in each room, which is amply lighted by two large outside windows.

The building is one hundred and seventy-six feet in length by ninety-two feet in total depth, and is divided into groups or wings of from four to six rooms each, each group being in-

closed within a brick fire wall, and all rooms being about equally distant from the two large flights of stairs.

An excellent system of steam heat is installed and connected with the general heating plant of the University.

The general exterior is good having wide overhanging eaves with graceful roof lines, grey stone trimmings, and a good frontage, which adds to the effectiveness.

ELLA CARNALL HALL.

The dormitory for young women is named "Ella Carnall Hall" in honor of Ella Carnall, Ph. M., Associate Professor of English and Modern Languages in the University of Arkansas, who died much beloved by both pupils and fellow-teachers, and who bequeathed to the University her library of useful works on modern philology.

Ella Carnall Hall is designed to be complete within itself, having its own toilet and bath rooms, dining room, kitchen, and independent steam heating plant. The building faces south, with a frontage of one hundred and ninety feet, and an eastern and western exposure of one hundred and six feet.

The first floor contains a large parlor and a library, each thirty by thirty-four feet, and situated to the right and the left respectively, of the main entrance, with a reception room and parlor adjoining. In the rear wings of this story are the dining room, recreation room (each thirty-five by forty feet), kitchen, and pantry. The east and west wings contain each a group of five bed rooms with a toilet and bath room with a ten foot veranda extending across the front and ends of these wings.

The second story has thirty-six bed rooms, four large linen closets, and four toilet rooms.

In the third story are eight full-sized bed rooms, two toilet rooms, and ten rooms for individual piano practice. The latter are isolated in the east and west wings in such a manner as not to interfere with study or any other work going on in the building.

The arrangement of this building is such that every bed room has two large outside windows giving ample light and ventilation, one large wardrobe, and one alcove with book shelves.

The rooms average twenty by fourteen feet or over, and accommodate two students each.

All halls are well lighted and ventilated. The toilet rooms are so grouped and arranged as to give perfect sanitation at all times, and the stairways, four in number, are at the most convenient points to feed the building equally. This building has a pleasing exterior, distinguished by its massive but well-proportioned lines, its spacious verandas, and generally home-like and inviting appearance.

HOSPITAL.

This is a one and one-half story brick building, forty-five by sixty two feet, with a stone basement. The latter contains a kitchen, diningroom, pantries, and a storage cellar with cement floors. The first story has a wide recreation and service corridor the entire length, with a fireplace and vestibule entrance; a reception room and parlor with a fireplace; an open ward for men, with four beds; a men's bath and toilet room; a public toilet room; adjoining the men's bath room, the fully equipped wounddressing and operating room; a private ward for men and one for women; also a large open ward for women and the women's bath room; and a contagious ward entirely isolated from the rest of the building, with its own toilet room and fireplace. The second story contains four large finished rooms for the use of nurses and servants, or other purposes, if it is desired, plenty of closets, a linen room, and a large store room. The building is supplied with hot and cold water and electric lights, and is modern in every particular. It looks more like a home than a hospital.

GENERAL LIBRARY AND DEPARTMENTAL LIBRARIES.

The general library, occupying the second floor of the north wing of University Hall, is for the use of the whole University. All students who have matriculated may take out books, one volume at a time. A list of printed rules governing the use of the library may be had upon application to the Librarian. Officers of the University have access to the shelves, and students engaged in advanced work, upon recommendation by their instructors, may have books reserved from those parts of the collection with which they are occupied. The reading

room of the general library is a study hall for collegiate students only.

The leading high-class periodicals (including magazines, reviews, and various technical monthlies) are taken and bound as they accumulate. This fund of current literature is rendered useful and accessible by Poole's Index and Readers' Guide to Periodical Literature. Forty-six magazines, nine weekly, and seven daily papers are received by the general library.

The general library contains 14,105 books and 5,000 pamphlets, with a catalogue on cards, which is accessible to the public and consists of two parts, the one arranged by authors, the other by title.

In addition there are departmental libraries, opened to advanced students engaged in research work, and in charge of the heads of the several departments. These special libraries contain the following number of volumes:

Ancient Language. U. H. 22; 300 books. PROFESSOR FUTRALL.

English and Modern Languages. U. H. 30; 975 bound books; 205 unbound books.

PROFESSORS SHANNON, MARINONI AND REINHARD.

Mathematics and Astronomy. U. H. 34; 306 books; 45 pamphlets. PROFESSOR DROKE.

Chemistry. Chemical Laboratory; 128 books; 140 journals; 950 pamphlets. PROFESSOR CARROLL.

Biology. U. H. 32; 250 books. PROFESSOR PICKEL.

Geology and Mining. U. H. 39; 1,227 books; 1,020 pamphlets. PROFESSOR PURDUE.

Civil Engineering. Eng. Hall; 200 books. PROFESSOR KNOCH.

Agriculture and Horticulture. Experiment Station; 1,768 books; 10,000 pamphlets; 35 journals. DIRECTOR VINCENHELLER.

Preparatory School. U. H. 12, 13, and 25; 180 books. PRINCIPAL RAMSEY.

Expression. U. H. 38; 75 books. MRS. CROCKETT.

Thus the various branches of the University library contain 14,109 books and 16,129 pamphlets.

THE LABORATORIES.

In the laboratories of the University opportunities are afforded for practical instruction in chemistry, mineralogy, phys-

ics, botany, zoology, entomology, horticulture, and in civil, mechanical, electrical, chemical, and mining engineering.

CHEMICAL LABORATORIES.

The work in chemistry is carried on in the newly erected Chemistry Building. On the first floor of the building are laboratories for quantitative and qualitative analysis organic chemistry, physical chemistry, the balance room, and a library. On the second floor is a large lecture room and a general laboratory for first year students. In the basement are store-rooms and the laboratory for assaying. The various laboratories are well provided with work-tables, sinks, hoods, water, and gas. The department is provided with apparatus sufficient for the present needs.

BIOLOGICAL LABORATORY.

The biological laboratory is located on the third floor of University Hall, and has accommodation for about forty students. The laboratory is furnished with work tables, a sink, and the necessary gas fixtures for incubators, sterilizers, etc., also an aquarium for keeping aquatic animals and plants on hand for observation and study. The equipment in apparatus consists of Bausch and Lomb compound microscopes, dissecting microscopes, microtomes, and such other apparatus and chemicals as are needed for the practical work in biology. There is a collection of insects, and also apparatus for collecting, drying, preserving, and mounting insects. The laboratory has a number of skeletons of different animals, and models and charts for teaching plant and animal anatomy.

LABORATORIES OF GEOLOGY AND MINING ENGINEERING.

The geological department is provided with aneroid barometers, compasses, hand-levels, pedometer, etc., for field work. There is also a well equipped laboratory for determinative mineralogy.

MECHANICAL ENGINEERING LABORATORY.

The laboratory contains the following machinery: One thirty five horsepower compound automatic steam engine, one Hornsby Akroide Oil engine, one Kerr steam turbine, two slide

valve steam engines, one ten horsepower Weber gasoline engine, one thirty-five horsepower Westinghouse compound steam engine, one 4¹/₂ x 3¹/₂ x 4 duplex steam pump, one fifty horsepower Wheeler condenser with air, water and circulating pumps, one 60,000-pound Rheile testing machine.

The laboratory is well provided with apparatus for experimental work, including a Mahler Bomb calorimeter for testing fuels, an Orsat apparatus for flue gas analysis, steam calorimeters, six engine indicators, two injectors, an assortment of thermometers, pressure gauges, measuring tanks, feed water heater, water meters, scales, etc.

The steam boilers used for heating the University buildings are arranged so as to be available for experimental work, and the shop engine, a Corliss, is also used for purposes of instruction.

Among the facilities for instruction in engineering contained in the equipment of the mechanical department in addition to that given under the heading of shops, mechanical engineering drawing room, and mechanical laboratory may be mentioned a Deane steam pump with airchamber, water and steam cylinders and valve chambers sectioned, so that a student may see the working parts; a Cameron steam pump with a steam cylinder sectioned, showing the valve motion; a Knowles pump in full working order; a Blake steam pump in section; sections of injectors; a model of Stevenson's link motion, and a collection of samples of manufactured articles, such as steam pipe coverings, leather beltings, lubricating oils, etc.

ELECTRICAL LABORATORIES.

The dynamo laboratory affords excellent facilities for experimental work with practical machinery. It is located in the east end of the basement of the Engineering Hall.

The power is supplied by a 30 horsepower, vertical type, double cylinder, gasoline engine, and a 20 K. W. induction motor. A 60-cell, 300 ampere-hour storage battery supplies current for experiments in which absolutely steady power is desired.

There are direct current dynamos and motors of the constant current and constant potential types. Single, two and

three phase alternators supply current at various voltages and frequencies. There are transformers, converters, synchronous and induction motors, with a liberal supply of measuring instruments for use with the various machines.

The senior laboratory is located on the first floor of Engineering Hall, and is supplied with direct current at 110, 220 and 500 volts. Alternate current, single phase, at 50, 100 or 200 volts and 60 cycles. Two phase, 60 cycle at 110 or 220. Three phase at 110 or 220 volts, with a frequency of 60 to 133 cycles per second. A high tension testing transformer supplies current at any voltage up to 120,000 volts for testing of insulators, while standard cells, a Kelvin balance and a potentiometer furnish means for calibrating the laboratory measuring instruments. The equipment enables students to carry on experimental work of a very wide range and to obtain proficiency in operating and testing electrical machinery.

Students are also permitted to inspect the plant of the Fayetteville Electric Light and Power Company, take measurements and make tests on it. Their primary mains supply the electrical laboratory with alternate current at 60 cycles and 2,000 volts.

The photometric laboratory, which also serves as a photographic and X ray dark room, is supplied with a standard photometer bar, Lummer Brodhun screen and Amylacetate lamp. It is connected by cable with the switchboards in the storage battery room and in the dynamo room.

CIVIL ENGINEERING LABORATORY AND EQUIPMENT.

The instrument laboratory for this department is located on the first floor of Engineering Hall, and is provided with all the necessary instruments for work in land, railroad, and city surveying and office work. The equipment of the field instruments has been selected so as to afford students the opportunity of becoming familiar with the instruments of the different manufacturers. Among the instruments there are a number of engineers' transits and Y levels, theodolites, transit with solar attachment, compasses, hand levels, standard and ordinary steel tapes, plane tables, sextant, aneroid, and mercurial barometers, etc. An equipment for practical astronomy

has been added, consisting of a large altazimuth, reading to seconds by levels and micrometers; a sidereal clock with break-current attachment, and a chronograph reading to tenths of seconds.

The laboratory for testing the materials of construction and for work in experimental hydraulics is located in the north-west corner of the basement of Engineering Hall. It is a well-lighted room having a floor space of 2,450 square feet.

The equipment for the purpose of testing the quality and strength of cements and mortars includes one 2,000 pound tension machine, one 1,000 pound automatic machine, brass molds for tension, compression, and transverse test pieces, storage racks and apparatus for testing fineness, specific gravity, and activity, and for accelerated tests.

For testing steel the laboratory contains a 4,000 pound tension machine and a 5,000 pound transverse machine for tests on bars, etc. Special apparatus has been provided for testing paving brick and road material, among which may be mentioned a grinding machine for preparing test specimens and machines for abrasion tests.

The equipment for experiments in hydraulics consists of a Pelton water wheel, a hydraulic engine, water meters, weirs and other apparatus.

The laboratory is also well equipped for making blue and brown prints of any size up to 36x64 inches.

SHOPS.

The machine shop contains a Corliss engine, which runs the machinery in the whole building, a large iron planer, a shaper, several lathes of different sizes and makes, drill press, grinding machines, milling machine, and a good supply of hand tools, benches, and materials.

The forge shop contains eight Buffalo forges with down draft, which takes the smoke away through underground pipe, thus avoiding the smoke and dirt of the ordinary blacksmith shop. It also contains a shearing and punching machine, eight anvils of different weights, and all the necessary blacksmith tools for the eight forges.

The wood shop contains one buzz planer, one large cylinder planer, circular saw, band saw, five smaller lathes, one 18-inch pattern maker's lathe, one double column shaper, and twenty-six benches, each equipped with a complete set of carpenter's tools.

The foundry contains one Colleau cupola with a capacity of one and one-half tons of iron per hour, one brass furnace of one hundred and fifty pounds capacity; Buffalo pressure blower and core oven.

The boiler room contains three seventy horse-power fire tube boilers, one water tube boiler of one hundred horse power, and one water tube boiler of one hundred and fifty horse power, besides feed pumps, injectors, measuring tanks, etc.

The various departments of the shop building afford facilities for giving practical instruction to seventy-five students at one time.

MECHANICAL ENGINEERING DRAWING ROOM.

The equipment includes the usual tables and stools; and among the special apparatus and instruments may be mentioned the planimeter, odontograph, slide rule, protractor, section liner, etc. A blue print room contains complete facilities for the details of the blue print process. One room is provided with photographic facilities, which will be used to prepare lantern slides and prints illustrating various branches of engineering.

PHYSICAL CULTURE ROOM.

A large room in the north wing of University Hall is set apart for the use of the department of physical culture, and has been furnished, as far as means were available, with the equipment necessary for systematic physical training.

THE ARMORY.

The armory is a large well-lighted room, sixty by eighty feet, occupying the entire basement of the north wing of the University Hall. It is substantially fitted up with arm racks, compartments for equipments, and other conveniences. Two adjacent rooms are assigned to the military department, and are used as band room and storeroom.

The equipment of the department consists of three hundred Krag-Jorgenson rifles, three hundred sets of infantry equipments, twenty-seven cadet swords (West Point pattern), national colors, flags, signal equipments, ammunition, etc., and a superior set of band instruments.

The arms and infantry equipments are furnished the University by the national government. The other equipments have been purchased by the University, and belong to the military Department.

THE MUSEUM.

A. H. Purdue, Curator.

The museum occupies a large portion of the fourth floor of University Hall. The material of the museum has been collected with the view of facilitating instruction in geology and biology, and also to make it of interest to the visiting public. That portion of the collection suitable for display is arranged in glass cases, while the working collection is in drawers. Slipping top cases with drawers beneath afford space for several thousand specimens.

Relief Maps. For illustration in geology and general interest to the public, there have been placed in the museum the following relief maps: geological relief maps of the State of Arkansas, Colorado Canyon, central Tennessee and the United States; a convex relief map of the United States on a section of a globe sixteen feet in diameter; a relief map of Carmel Bay, California; the Springs craters, Utah; Yosemite Valley; Palestine, Mount Vesuvius; the state of California; San Francisco Peninsula, and a sectional geological relief map of the Leadville region, Colorado.

The Mineral Collection. The mineral collection contains about three thousand specimens, representing the different mineral groups. Many of these specimens are displayed in cases.

The Petrographic Collection. This collection consists of a large number of specimens representing sedimentary, igneous, and metamorphic rock. Besides, there is a large collection of building and other stones from different parts of the country.

Palaeontological. There is a large collection of invertebrate fossils in the museum, mainly representing the fauna of the different geological horizons in northern Arkansas.

The Major Earle Collection. Major F. R. Earle has deposited in the museum his private collection of minerals and fossils. The collection was formerly in Yale Hill College.

The Zoological and Botanical Collection. This collection consists of two hundred birds and mammals, representing eighty species; two hundred reptiles and amphibians, representing forty species; fifteen hundred fishes, representing three hundred and fifty species; one thousand insects and other invertebrates, representing two hundred species; several skeletons.

Donations to the museum will be gratefully acknowledged, and the donors may be sure that anything of value sent to it will be carefully preserved and duly credited to the donor. Collections in the hands of private parties are likely to be soon scattered and destroyed through lack of care or improper handling. The museum is now prepared to receive collections on deposit, and to preserve and to display them under the owner's name until called for.

Though the museum is most important on account of its educational value, it at the same time serves an important purpose in representing the resources of this State.

ATHLETIC FIELD.

For the accommodation of the University football and baseball teams and spectators there is an excellent athletic field with a covered grandstand.

ADMISSION TO THE COLLEGE

GENERAL CONDITIONS OF ADMISSION.

Candidates for admission are urged to be present on the opening day of the college. Admission at a later date is not refused, but it is attended with greater or less inconvenience.

Students on their arrival at Fayetteville should report promptly to the president. Needless delay in reporting, or unseemly conduct may justify exclusion from the University.

Applicants should present certificates of honorable discharge from the military, but if refused or furnish other testimonials of good moral character.

Entrance examination will be required of all students entering the University, except those who bring certificates from a preparatory school or from reputable colleges or universities. For the time at which these examinations will be held, see page 45.

ADMISSION TO THE FRESHMAN CLASS.

The requirements for admission to the Freshman class consist partly of entrance, or required subjects, and partly of electives.

At present a student must present for admission to any Bachelor's course or to the normal course ten and one-half units. It is expected that this requirement will be increased to eleven and one-half units. One unit is regarded as the equivalent of a preparatory course of five periods of forty-five minutes each weekly throughout the academic year of nine months.

A student whose entrance credits do not fall short of the required amount by more than two units may be admitted and allowed to make up his deficiencies.

The subjects in which units may be offered for entrance are divided into two groups, as follows:

*For the terms of admission to the Preparatory School, see page 159.

Group A.

Latin, 4 units.

Greek, 3 units.

French, 3 units.

German, 3 units.

English, 3 units.

Group B.

Algebra, 2 units.

Plane Geometry, 1 unit.

U. S. History, $\frac{1}{2}$ unit.

General History, 1 unit.

Greek and Roman History,
1 unit.Physical Geography, $\frac{1}{2}$ unit.Physiology, $\frac{1}{2}$ unit.

Botany, 1 unit.

Zoology, 1 unit.

Physics, 1 unit.

Chemistry, 1 unit.

English History, 1 unit.

Manual Training, 1 unit.

Civics, $\frac{1}{2}$ unit.

Below will be found a detailed statement of the requirements for admission to the different courses:

FOR B. A., B. MUS., AND NORMAL COURSES.**Required:**

English, 3 units.

Algebra, 2 units.

Plane Geometry, 1 unit.

U. S. History, $\frac{1}{2}$ unit.

General or Greek and Roman History, 1 unit.

Candidates for the B. A. and B. Mus. degrees will be required to present three additional units from group A, at least two of which must be in one language.

Candidates for the normal course will be required to present three additional units selected from group A or B, or from both.

FOR THE AGRICULTURAL, SCIENTIFIC AND ENGINEERING COURSES.**Required:**

English, 3 units.

Algebra, 2 units.

Plane Geometry, 1 unit.

U. S. History, $\frac{1}{2}$ unit.

Physics, 1 unit.

Required in addition, three units selected from group A or B, or from both.

ENTRANCE EXAMINATION SUBJECTS.

The following statement will indicate the amount of work in both required and elective subjects which a student may offer in making up his entrance credits, but has no reference to what work will be required if college credit is sought in these subjects.

English.*

I. *Composition.* The candidate will be required to write a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, drawn in 1908 from the following works:

Shakespeare's *Merchant of Venice* and *Macbeth*; *The Sir Roger de Coverly Papers* in the *Spectator*; Irving's *Life of Goldsmith*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe* and *Lady of the Lake*; Tennyson's *Garath and Lynette*, *Lancelot and Elaine* and *Fishing of Arthur*; Lowell's *Vision of Sir Launfal*; Eliot's *Silas Marner*.

II. *Careful Study.* A certain number of books will be prescribed for careful study. This part of the examination will be upon subject matter, literary form, and logical structure, and will also test the candidate's ability to express his knowledge clearly and accurately. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong. The books prescribed for this part of the examination in 1908 are:

Shakespeare's *Julius Caesar*; Milton's *Lycidas*, *Comus*, *L'Allegre* and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison*, and *Essay on Boswell's Life of Johnson*.

The candidate is expected to read intelligently all the books mentioned in I. He should read them as he reads other books;

*SPECIAL ANNOUNCEMENT.—No candidate will be admitted to the Fresh man class in English who does not present official evidence that he has completed the English course of an accredited school, or who does not pass a written examination based upon the requirements mentioned in detail in this catalogue. Furthermore, no candidate will be admitted to this examination who does not certify that he has read all the works prescribed for reading, and studied carefully all the works prescribed for careful study. No substitutions will be allowed.

he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case knowledge of the book will be regarded as less important than ability to write English. As additional evidence of preparation, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work.

Though there is no formal examination in grammar or rhetoric, no candidate will be accepted in English whose work is seriously defective in point of spelling, grammar, idiom, punctuation, or division into paragraphs.

In connection with the reading and study of the prescribed books, parallel or supplementary reading should be encouraged, and *a considerable amount of English poetry should be committed to memory.*

Algebra.

Two Units.

To simultaneous quadratic equations, with special attention to factoring, the theory of exponents and radicals.

Plane Geometry.

One Unit.

All of plane geometry will be required for admission to the Freshman class. A notebook containing the solution of at least one hundred and fifty original exercises should be submitted for examination.

United States History.

One-half Unit.

The completion of Montgomery's Leading Facts, or an equivalent.

General History.

One Unit.

The completion of Meyer's General History or an equivalent. Five recitations a week for one year.

History of Greece and Rome.

One Unit.

The completion of Meyer's History of Greece, and Meyer's History of Rome, or equivalent. Five recitations a week for one year.

English History.*One Unit.*

The candidate of some good history of England, like *Northwood's* or *Turnbull's*. Five recitations a week for one year.

Latin.*Three Units.*

The entrance requirements in Latin are the reading of four books of *Caesar* and of four orations of *Cicero*, or the equivalent in other prose; thorough knowledge of the forms and of the fundamental constructions of verb and noun; and the ability to translate into idiomatic Latin such sentences as those found in *Bonnet's Latin Writer*. Students offering Virgil should have had four years of competent instruction in Latin, and should have read not less than six books of the *Æneid*. For this a credit of one additional unit will be allowed.

Greek.*Three Units.*

The requirements can be met by not less than three years of competent instruction in the preparatory school. The ground covered should be the same as that in Greek 1 and 2 (see page 86 of this catalogue), or an equivalent.

Elementary German.*One and One-half Units.*

The examination will be suited to the proficiency of those who have had two years of German in a preparatory school, or the equivalent of German 1 (see page 90 of this catalogue), and will test (a) the candidate's knowledge of the rudiments of German grammar, (b) ability to read easy prose at sight, and (c) to translate simple English sentences into German. The candidate should have read two hundred pages of easy prose.

Advanced German.*One and One-half Units.*

The examination will be suited to the proficiency of those who have had at least three years of German in a preparatory school, or the equivalent of German 2 (see page 90 of this catalogue), and will test the candidate's ability to read (a) modern German prose and poetry at sight, and (b) to translate easy English narrative into German. The candidate should

have read three hundred and seventy pages of the works of Rühl, (Heyse, Freytag, Baumbach), Heine, and thirty pages of lyrics and ballads.

Elementary French.

One and One-half Units

The examination will be suited to the proficiency of those who have had two years of French in a preparatory school, or the equivalent of French 1 (see page 91 of this catalogue), and will include (a) the translation at sight of ordinary nineteenth century prose; (b) the translation from English into French of sentences to test the candidate's familiarity with elementary grammar. The candidate should have read three hundred pages of simple prose.

Advanced French.

One and One-half Units.

The examination will be suited to the proficiency of those who have had at least three years of French in a preparatory school, or the equivalent of French 2 (see page 91 of this catalogue), and will test the candidate's ability (a) to translate standard French prose and poetry at sight, and (b) to turn easy English prose into French. The candidate should have read six hundred pages in the works of such authors as Daudet, Loti, Sandeau, Corneille, Racine, and Molière.

Chemistry.

One Unit.

Remsen's Chemistry (Elementary Course), Freer's Elements of Chemistry, or Hessler & Smith's Essentials of Chemistry, or an equivalent. A laboratory note-book covering two hours of laboratory work per week for one year must be presented for examination.

Physics.

One Unit.

Gage's Elements of Physics, Appleton's School Physics, or Hall & Bergen's Physics, or an equivalent; sufficient apparatus for the teacher to perform all the experiments. A laboratory note book covering two hours of laboratory work per week for one year must be presented for examination.

Physiology.

One-half Unit.

Martin's Human Body, or an equivalent.

ENTRANCE REQUIREMENTS.

Botany.

One Unit.

Gray's *Lessons in Botany and Vegetable Physiology*, or an equivalent. A laboratory note-book covering two hours of laboratory work for one year must be presented for examination.

Zoology.

One Unit.

Packard's *Zoology*, elementary course, and Boyer's *Laboratory Guide*, or an equivalent. A laboratory note-book covering two hours of laboratory work for one year must be presented for examination.

Manual Training.

One Unit.

Credits in manual training, carpentry, machine shop, forge shop, or foundry will be accepted.

ORDER OF EXAMINATIONS FOR ADMISSION IN 1908.

Wednesday, September 16.—9 a. m., registration of students; 1 to 3 p. m., Geometry.

Thursday, September 17.—1 to 4 p. m., Algebra.

Friday, September 18.—1 to 4 p. m. Latin.

Saturday, September 19.—9 a. m. to 12 m., English Composition and Literature; 1 to 2:30 p. m. United States History; 2:30 to 4 p. m., General History.

The order of examinations in other subjects will be announced at the opening of the University.

EXAMINATIONS AT PLACES OTHER THAN FAYETTEVILLE.

Students living at a distance from the University may obtain special examinations near their homes, if applied for in due time before the beginning of each session. The questions will be sent on application to the principal of any school, or to any county examiner. The questions must be submitted by the principal or county examiner to the candidate under the usual restrictions of a written examination, and the questions and answers must be returned by the same officer to the University with his endorsement that the examination was properly conducted.

ADMISSION BY CERTIFICATE.

The graduates of accredited schools are admitted to the Freshman class in the University without examination, provided, in all cases, certificates from the principal of the school attended be presented, containing specific statements of the kind and extent of work done in the studies in which credits are desired. Blank forms for such certificates will be furnished by the University. *Diplomas of graduation will not be accepted in lieu of certificates.* Students from schools regularly accredited to other reputable colleges and universities will be admitted to the Freshman class without examination, *provided*, they present evidence that such schools are duly accredited and that they have completed the work required for admission to the Freshman class of this University in the courses which they desire to take.

A student who presents a certificate of scholarship from a high school, academy, or college not on the list of accredited schools, is required to take such examinations as may be prescribed. The result of such examinations, together with the certificates, will be passed on and proper credit allowed by the professors of the departments which such student proposes to enter.

ADMISSION TO ADVANCED STANDING.

Candidates for admission to classes in advance of the Freshman will be required to pass satisfactory examinations in the subject previously pursued by the class which they propose to enter. But such candidates coming from colleges or universities of good standing, may, on the presentation of the proper certificates as to the studies pursued, be admitted provisionally to such standing and upon such terms as the faculty may deem equitable in such cases.

ACCREDITED SCHOOLS.

Any school desiring accredited relations with the University should make application to the accredited school committee. The application should state clearly the text books used, the length of school term and of recitation periods, equipments such as library and scientific apparatus, the names

of teachers doing high school work, with their qualifications as shown by education and experience. When this information is received, the University will, if it is deemed best, send an officer of the institution or some other competent person to inspect the school; and from the data secured from all sources the University will decide whether or not the school shall be accredited. But as the University has neither funds nor an officer set apart for this purpose, delays may occur in visitation; the authorities, however, will be as prompt in the matter as possible.

The principals of accredited schools should report annually all changes in course of study and teaching force. The University may visit an accredited school or may call for information at any time. Failure to keep the University informed regarding the school may be the occasion of dropping the same from the list. To prepare for the Freshman class the course of study should not be less than three years of thirty-six weeks each, based on an elementary course of seven or eight years. The University looks with distrust upon pretentious schools, and, if the course of study announced by a school applying for accredited relations is more than the teaching force can well do, that fact will prejudice the cause of the school.

LIST OF ACCREDITED SCHOOLS.

Below is given a list of schools already accredited. New names are added from time to time. No effort is made in the list given below to classify the schools. Some of them do more work than is required for entrance; while others fall short of meeting entrance conditions in one or two subjects. A record is kept by the University of the subjects in which each school is accredited.

SCHOOL.	PRINCIPAL.
Amity High School.....	S. M. Samson.
Argenta High School.....	E. B. Gardner.
Arkansas Cumberland College.	C. D. Crawford.
Arkansas Military Academy....	R. C. Hall.
Atkins High School.....	J. P. Bingham.
Batesville High School.....	L. Campbell.
Bellefonte High School.....	W. D. Jeter.

SCHOOL.	PRINCIPAL.
Belleville High School.....	M. Sullivant.
Benton High School.....	A. C. Shipp.
Bentonville Academy.....	E. E. Bagwell.
Carlisle High School.....	H. B. Robertson.
Camden High School.....	Asa M. McCain.
Charleston High School.....	M. V. Waterfield.
Choctaw High School.....	W. E. Halbrook.
Clarendon High School.....	J. McCullough.
Clarks ville High School.....	J. W. Sallis.
Corning High School.....	C. M. Reves.
De Queen High School.....	A. V. Hamilton.
El Dorado High School.....	W. K. Waller.
Eureka Springs High School.....	C. S. Barnett.
Fordyce Training School.....	J. D. Clary.
Fort Smith High School.....	H. C. Morrison.
Gravette High School.....	Wilson Hunt.
Green Forest High School.....	W. H. Ingersoll.
Hamburg High School.....	J. R. McChesney.
Harrison High School.....	L. H. Potts.
Helena High School.....	S. H. Spragins.
Hinemon University High School.....	J. W. Shewmake.
Hope High School.....	W. J. Hammond.
Hot Springs High School.....	G. B. Cook.
Hesperian High School.....	L. E. Quinn
Jonesboro High School.....	D. T. Rogers.
Little Rock High School.....	Wallace Townsend.
Lonoke High School.....	A. J. Meadors.
McAlister (Okla.) High School.....	B. H. Locke.
Malvern High School.....	R. H. Freeland.
Mena High School.....	W. T. Adams.
Marianna High School....	J. H. Andrews.
Morrilton High School.....	Ury McKenzie.
Mountain Home Academy.....	H. P. Webb.
Newport High School.....	William L. Wallace.
Paris Academy.....	W. B. Rife.
Paris (Texas) High School.....	J. P. Downer.
Pine Bluff High School.....	J. H. Thatch.
Pea Ridge Masonic College.....	S. C. Parish.
Pocahontas High School.....	E. D. Means.
Presbyterian Training School, Warren	D. L. Paisley.

SCHOOL.	PRINCIPAL
Prairie Grove High School.....	J. H. Caldwell.
Russellville High School.....	W. J. Peterson.
Rogers High School.....	Morris E. Alling.
Tom Allen High School, Prescott.....	O. L. Dunaway.
Siloam Springs High School.....	John W. White.
Sloan-Hendrix Academy.....	W. H. Williamson.
Southwestern Academy, Magnolia.....	T. J. Ainsworth.
Springdale High School.....	B. C. Ballard.
Stephens High School.....	J. P. Womack.
Stone County Academy, Mountain View.....	J. R. Duty.
Stuttgart High School.....	I. C. Gibson.
Texarkana High School.....	Walter L. Hale.
Thompson's Institute, Paragould.....	R. S. Thompson.
Van Buren High School.....	Miss Sue Burney.
Warren High School.....	J. A. Presson.
Washington High School.....	M. A. Matlock.
Western Military Academy, Alton, Ill.....	A. M. Jackson.
Wynne High School.....	H. A. Woodward.

MISCELLANEOUS INFORMATION

SELECTION OF COURSES OF STUDY.

Students are allowed all reasonable freedom in choosing their courses of study. But they are required to pursue their studies in the order prescribed, and, when candidates for a degree, to complete, as a condition of graduation, all the subjects in the course leading to such degree. Changes in the course of study selected are discouraged, but for sufficient reasons are allowed if made within three weeks after admission; subsequently no such change can be made during the session except by the express permission of the faculty.

NUMBER OF RECITATIONS.

All students are required to take not less than twelve nor more than eighteen recitations or their equivalent per week, exclusive of military science and tactics. It is assumed that each hour of recitation involves approximately two hours of preparation, and each two hours of laboratory one hour of preparation on the part of the average student. Therefore, in general, two hours of laboratory work are counted as the equivalent of one hour of recitation, but in cases where laboratory work done under the supervision of an instructor does not require outside preparation, three hours shall be the equivalent of the unit of credit.

CLASSIFICATION OF STUDENTS.

The satisfactory completion of the work of a class as attested by daily recitations and examinations is the condition of enrollment in a higher class. Some margin, however, is allowed for making up studies in arrears. But more than seven hours per week counted for such studies or more than seven hours per week omitted from the studies of a given class prevent enrollment therein. No student who has more than six hours per week of unfinished preparatory work can be classified as Freshman.

SPECIAL STUDENTS.

1. Students are advised to pursue in all cases in which it is practicable, some one of the regular courses leading to a

degree. The number of these courses and the liberal provisions for electives allow sufficient play for individual preference in the selection of subjects required for a liberal and well-rounded education.

2. Students who are not candidates for a degree, but who have completed all the studies below the Freshman class, may elect a special course of study under the supervision of the classification committee and with the approval of the professors in charge of the subjects chosen.

3. Persons not under twenty-one years of age may elect a special course of study under the direction of the faculty, provided they show by examination or otherwise that they are qualified to pursue profitably the studies which they propose to take up.

4. Students in special courses are subject to the same regulations and to the same examinations in the studies pursued as all other undergraduate students.

MID-YEAR AND FINAL EXAMINATIONS.

1. Examinations, chiefly in writing, are held near the end of each term. The grades are determined by combining the values of the daily recitations and of the examinations, and are divided into four groups, as follows: Excellent (E); Good (G); Fair (F); Poor (P). A grade not lower than F is required for a "pass," which is the equivalent of about 75 per cent. At the end of each term a report is made to the parent or guardian of each student showing his progress, general conduct, etc.

2. If a student has failed in any study, he may nevertheless be allowed to take up the next study in advance, provided he be deemed by the professor in charge of the department to which the study belongs not incompetent to pursue it; but he will be required to pass a satisfactory examination in the study in which he failed, or take up with the next class.

3. If a student has proved competent to continue his advanced work, but has not completed all the preceding studies in his course, he must resume the latter, and if he be found to be overworked, he will be required to drop a part of his advanced work.

APPOINTMENT OF BENEFICIARIES.

Beneficiary appointments entitle the holders to free tuition. Such an appointment may be obtained from the county judge of the county in which the student resides, or from the president on arrival at the University. The total number of beneficiaries allowed to the state is one thousand.

EXPENSES.

It is the object of the University to give the best possible education at the lowest possible cost. Tuition is free to all students. A matriculation fee of ten dollars is charged all candidates for admission. The following estimates are based upon the actual expenses of students for the session of 1906-1907:

Clothes, including uniform...	\$ 20 00	\$ 40 00	\$ 65 00
Board, laundry, etc.....	112 00	120 00	135 00
Books, instruments, etc.....	10 00	15 00	20 00
Incidentals.....	15 00	30 00	35 00
Matriculation fee.....	10 00	10 00	10 00
	\$167 00	\$215 00	\$265 00

Each student occupying a room in one of the dormitories is charged a fee of five dollars per year. To have a room reserved, this fee must be paid not later than September 1.

Fees are payable in advance. Board bills are payable monthly in advance. A diploma fee of five dollars is charged all graduates. All dues are to be paid or satisfactorily adjusted before diplomas are conferred.

STUDENT LABOR.

A large part of the student body work during vacant hours to meet part of their expenses.

The general assembly has established a student labor fund, which provides work for deserving young men and women who need help to meet their college expenses. Considerable manual and clerical labor is necessary to carry on the various departments of the University, and students who desire to work are employed when practicable and paid at the rate of ten cents per hour. The requests for work always exceed the amount of money appropriated, and the University makes no promises to furnish employment for wages to all who apply.

BOARD FOR YOUNG MEN.

A fee of five dollars is charged each occupant of a room in the University dormitories. Students leaving the University frequently sell their furniture at a small reduction. If there are not rooms enough for all, preference is given to Arkansas students. An officer of the University is in charge of the building, and the rooms are inspected by the faculty whenever it is deemed necessary.

Students boarding elsewhere are under the supervision of the president of the University, and are allowed to board only at places approved by him. No student is allowed to change his boarding place without the consent of the president.

BOARD FOR YOUNG WOMEN.

Young women who, for any reason are unable to room and board at the dormitory, may secure homes in private families in the town. A list of approved boarding houses has been arranged by the Dean of Women, Miss Jobelle Holcombe, 104 N. College Ave., and all young women desiring board in town should consult her before securing homes. All young women in the University are under the general supervision of the Dean of Women and are subject to the following regulations:

- I. Young ladies and young gentlemen are not allowed to board at the same place.
- II. Young ladies are not allowed to change their boarding places without permission from the Dean of Women.
- III. Callers may be entertained only on Friday and Saturday evenings and also on Sunday evening when a young man desires to accompany a young lady to church.
- IV. Callers are expected to leave at 10 o'clock, p. m.
- V. Young ladies may go out only on Friday and Saturday evenings. This regulation may be suspended for lectures and other high class entertainments.

NOTE.—The reception committee of the Y. M. C. A. will endeavor to meet all trains and assist the incoming students in finding eligible boarding places.

STUDENT ENTERTAINMENTS.

Students are not allowed to give entertainments of a social nature except on Friday and Saturday evenings. All such entertainments must close not later than 11 p. m.

ABSENCES AND WITHDRAWALS.

Absences from the University during the session are not permitted except for valid reasons. The right of a parent to withdraw his son or daughter at any time, without reason assigned, is recognized, but without such withdrawals the student can not be relieved of the obligation to attend the University duties. The incidental absences of students during the session are exceedingly disadvantageous, both to themselves and to the University. While, therefore, the president permits them, in cases where propriety or urgent necessity seem to make them avoidable, it is held to be a duty to inquire into the reasons for which the permission is solicited.

Parents or guardians who wish to withdraw their children or wards from the University should write to the president stating their wishes. No honorable discharge will be given to a student under age who is unable to produce the written application of his parent or guardian for his withdrawal, nor will an honorable discharge be given to a student under censure of any kind whether for neglect of duty or other cause, even though he may have the consent of his parent or guardian to his withdrawal from the University.

SALE OF ARDENT SPIRITS PROHIBITED.

By an act of the general assembly of the State of Arkansas, it is unlawful for any person to sell or give away any vinous or ardent spirits within five miles of the University of Arkansas, unless they are prescribed by a regular practicing physician for medical purposes.

UNIVERSITY ORGANIZATIONS

YOUNG MEN'S CHRISTIAN ASSOCIATION.

B. W. DICKSON, A. B., General Secretary.

OBJECT.—The Young Men's Christian Association stands for the development of the man, physically, mentally, and spiritually. Its object is to lead students to become disciples of Jesus Christ as their Divine Lord and Savior, to lead them to join the Church, to promote growth in Christian faith and character and to enlist them in Christian service.

Its mission is to befriend and help those who need friends and help, to apply to practical college life the principles of Christian faith, to stimulate men to develop a well proportioned and rounded manhood, to train men for intelligent, aggressive Christian work, to bring to bear upon the University life a vigorous and healthful influence, in short to prepare an army of men to go out from the institution to become religious leaders in their communities, as they will there become the business, social, and intellectual leaders.

WORK.—The Association has for its special work the carrying on of Bible study and Mission Study in small groups lead by students who have had special training.

Religious meetings are held each Sunday afternoon in the Association Hall, 40-2-30. At these meetings addresses are given on such subjects as the following: The Principles that should Guide a Man in the Choice of a Life Work; The Ministry; The Association Secretariate; Mission Work, both Home and Foreign; Christian Stewardship; Higher Ideals of Life; Personal Purity; and General Religious Topics.

Special evangelistic meetings are held at least once a year. Other religious work is carried on by the weekly prayer meetings on Wednesday night from 6:30 to 7:00, also groups prayer meetings and personal work.

BIBLE STUDY.—Special emphasis is placed on the study of the Bible. Group classes of from five to ten men are organized among the students in boarding houses and dormitories under the direction of chosen leaders.

The Bible study course is divided into four parts corresponding to University years. The classes meet once a week and under the direction of their leader they discuss the points that have been studied during the week. The objects of these courses are the devotional, practical and daily study of the Bible.

The Courses for 1908-1909 are as follows:

Freshman Course.—The Life and Works of Jesus according to St. Mark, by W. D. Murray.

Sophomore Course.—Life of Christ, with Harmony of the Gospels, by Sharmon and Burton.

Junior Course.—Acts and Epistles, Records and Letters of the Apostolic Age, by Bosworth and Burton.

Senior Course.—Studies in Old Testament Characters, by W. W. White.

Other courses will be added from time to time. As a help to these courses the following books are recommended as references and parallel reading:

Schurer's "History of the Jews in the Time of Christ," 5 volumes.

Mathew's "History of New Testament Times in Palestine"

"Studies in Oriental Social Life," by Trumbull.

"Sketches of Jewish Social Life," by Edersheim.

"Historical Geography of the Holy Land," by George Adam Smith.

"Life and Times of Jesus, the Messiah," by Edersheim.

"The Student's Life of Christ," by Gilbert.

"Life of Christ," by Stalker.

MISSION STUDY—The mission study department offers four courses of study for 1908-1909, as follows:

Freshman Course.—"Aliens or Americans?" by Howard B. Gorse.

Sophomore Course.—"Daybreak in the Dark Continent," by Wilson S. Naylor.

Junior Course.—"Dawn on the Hills of Tang," by Dr. Har-lem P. Beach.

Senior Course.—"Islam: A Challenge to Faith," by Dr. S. M. Zwemer.

As parallel readings, the following are recommended:

"The Evangelization of the World in This Generation,"
by John R. Mott.

"Social Evils in Non-Christian Lands," by Dennis.

"Effective Workers in Needy Fields."

"Call of the Homeland."

"Japan and its Regeneration," by Otis Cary.

"McKay of Uganda," by J. W. Harrison.

STUDENT VOLUNTEER MOVEMENT—Another branch of the Missionary Department is the Student Volunteer Movement for Foreign Missions. This movement was organized in 1886 at Mt. Hermon, Mass. Its fourfold mission is (1) to lead students to a thorough consideration of the claims of foreign missions upon them as a life work; (2) to foster the purpose of all students who decide to become foreign missionaries, by helping to guide and stimulate them in mission study, and in work for missions until they pass under the immediate direction of the foreign boards; (3) to unite all volunteers in an organized, aggressive movement; (4) to create and maintain an intelligent, sympathetic, active interest in foreign missions among the students who are to remain at home, in order that they may back up this great enterprise by their prayers, their efforts, and their gifts. The movement holds an international convention every four years.

The Volunteer Band of the University was organized March 28, 1906, with six members. At present there are thirteen members.

To those interested in missions, the following books and pamphlets are suggested.

"Supreme Decision."

"What Constitutes a Missionary Call."

"A Missionary Appeal to Students."

"The Pastor and Modern Missions."

"Heroes of the Mission Field."

"The Price of Africa."

"Princely Men of the Heavenly Kingdom."

MEMBERSHIP—Membership in the Association is of three kinds: active, associate, and sustaining. Any man, either student or professor who is a member of an evangelical church,

or accepts Jesus Christ as He is offered* in the Scriptures as his God and Saviour, and approves of the objects of the Association, may become an active member.

Any man, either student, member of faculty, or instructor in the University, of good moral character, may become an associate member.

Any man desiring to aid in the support of the Association may become a sustaining member by contributing as much as \$5.00 to the work of the Association.

The annual dues for active and associate members is \$1.50.

EQUIPMENT.—The equipment of the Y. M. C. A. consists of an elegant suite of five rooms, composed of a lobby, an auditorium, and three small rooms for Bible and Mission study. These are well furnished, lighted, heated, and supplied with the leading magazines and papers.

BUREAU OF INFORMATION.—The Association conducts a bureau of information, and will always be glad to help any student desiring assistance. A reception committee meets all trains at the opening of school and assists the students in securing good boarding places. All correspondence during the summer in regard to the Association should be directed to the General Secretary.

SOCIAL.—On the first night after the opening of the University a very informal reception will be given in the Y. M. C. A. rooms to which all young men of the University are invited. Here all the men will have an opportunity to meet and get acquainted with each other.

The Y. M. C. A. Double Quartet furnishes special music for all religious meetings and social functions.

The annual reception is given by the Y. M. C. A. and Y. W. C. A. during the first week of school to which all students and people of the town are invited.

The individual Bible classes will be entertained at various intervals during the year.

INDORSEMENT.—The trustees and faculty of the University heartily recommend the work of the Association, and it is earnestly desired that every parent or guardian see to it that

the student under his care be encouraged to join the association as soon as he reaches the University.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

The Young Women's Christian Association, founded September 20, 1904, is composed of young women seeking to develop their Christian character, and to win others to Christ. Prayer meetings are held Saturday evenings, and the regular religious services Sunday afternoon. During the past year the membership of the Association has been about one hundred and twenty, with nearly one hundred enrolled in Bible study and sixty-five in mission study. The Association gives several entertainments during the year, endeavoring through there to arouse a spirit of friendship among all the young women. The members of the Association will gladly assist in any way young women just entering the University.

LITERARY SOCIETIES.

There are six literary societies: the Mathethian, founded in 1873, the Garland, founded in 1880, the Periclean, founded in 1901, the Sapphic, founded in 1900, the Lee, founded in 1900; the Demosthenean, founded in 1907. The Mathethian society is composed of collegiate students of both sexes, the Garland, Periclean, Lee and Demosthenean societies of male collegiate and preparatory students, the Sapphic of female collegiate and preparatory students. The weekly meetings of the four societies afford excellent opportunities for improvement in composition, declamation, debate, etc.

THE RESEARCH CLUB.

The Research Club, composed of University professors and instructors, has for its purpose the encouragement of original research work among its members. Meetings are held fortnightly, at which technical papers are read and discussed.

ELECTRICAL ENGINEERING SOCIETY.

The University of Arkansas Branch of the 'American Institute of Electrical Engineers,' which was established at the University in 1904, holds regular meetings on the first and third Tuesdays of each month.

Original papers are read, and advance copies of papers to

be presented to the Institute meetings in New York are read and discussed.

DEUTSCHER VEREIN.

The Deutscher Verein, organized December 15, 1904, is composed of University teachers and students. Its object is to encourage the use of spoken German and promote the study of German life and literature. Meetings are held every three weeks in the parlors of Hill Hall.

ENGLISH CLUB.

The English Club, founded February 9, 1905, consists of University teachers and advanced students of English. This society is now making a special study of spoken English. Papers relating to the different phases of English philology are read at the meetings, which occur every other Thursday.

CERCLE FRANCAIS.

The Cercle Francais was founded by Adjunct Professor Antonio Marinoni in 1905. Its object is to encourage the use of spoken French and promote the study of French life and literature. Meetings are held fortnightly in private houses.

ATHLETIC ASSOCIATION.

The purpose of the organization is to encourage the development of the physical man.

The association as originally formed consisted of the U. of A. Athletic Club, the U. of A. Tennis Club, the U. of A. Baseball Club, and the U. of A. Football Club; and it is further provided that if any other club organized by the students of the University for the practice of any sport, game, or exercise, not already represented by one of the members of the association, shall make a written application for membership in this association, and the said application shall be approved by the governing body of the association, the petitioning club shall become a member of the association with all the rights and privileges pertaining to such membership.

FACULTY RULES FOR THE GOVERNMENT OF ATHLETICS.

RULE I. No one shall participate in any sport as a member of a team representing the University, unless he is a *bona*

vide student doing full work in a regular or special course as defined in the catalogue.

RULE 2 No person shall be admitted to any athletic contest who receives any gift, remuneration, or pay for his services on the college team.

RULE 3 No student shall be permitted to participate in any athletic contest who is found to be delinquent in his studies.

RULE 4. The election of managers and captains of all athletic teams shall be subject to the approval of the faculty committee on athletics.

RULE 5 Before every athletic contest in which the University team is to be engaged, the captain of such team shall submit to the chairman of the faculty committee on athletics a list of the players eligible under the rules to participate in said contest. It shall be the duty of the captain to exclude all players from the contest except those so certified.

RULE 6 The faculty committee on athletics shall require each candidate for a team to represent the University to subscribe to a statement that he is eligible under the letter and spirit of the rules adopted by the faculty.

RULE 7 No person having been a member of a college athletic team during any year and having been in attendance less than one college half year shall be permitted to play on any athletic team thereafter until he shall have been in attendance six consecutive calendar months.

RULE 8 It shall be the duty of the chairman of the faculty committee on athletics to secure a report from instructors in all subjects taken by members of athletic teams at the middle and end of each month, and to report to the faculty such cases as the committee deems advisable.

RULE 9 Any student failing in one half of his work in any term, will not be allowed to take part in athletic events, as a member of a team, during the next succeeding term, unless such deficiency has been made up.

SECRET SOCIETIES.

The following rules for the regulation of secret societies have been adopted by the faculty:

1. No student shall be initiated in any secret student organization, whether it be a Greek letter fraternity, sorority, or other secret society, until he shall have been officially informed by the recorder of grades that he has completed all the work preparatory to admission into the Freshman class of the University and has completed the equivalent of not less than fifteen hours of collegiate work for one term; and provided, that students who are taking special courses, short courses, or who may be candidates for the L. L. certificate may be initiated if they are entitled to entrance and collegiate credits equal to the above requirements.

2. Any Greek letter fraternity or other secret organization that shall pledge for membership or initiate any student until he has complied with the aforesaid conditions shall thereby forfeit its right to exist and shall no longer exist in the University of Arkansas.

3. If any fraternity shall permit its members to drink wine, whisky, beer, or other intoxicants in its chapter house or meeting place, or allow such liquors to be kept or stored there, or shall permit any gambling or other violation of law therein or shall keep a disorderly house or place, such fraternity shall be cited for trial before the faculty, and upon proof being adduced establishing any of the above mentioned offenses, such fraternity shall not be allowed to exist longer under its own name or under any other form or name in the University of Arkansas.

PRIZES

THE WILLIAM JENNINGS BRYAN PRIZE.

A prize fund of \$250 has been bestowed upon the University through the liberality of Hon. W. J. Bryan, of Nebraska, and a prize medal in his honor and consisting of the annual income of this fund will be offered each year, provided that productions worthy of its bestowal are presented.

The prize will be awarded for the best essay on some topic relating to the problems of government, and the subjects for competition will be selected in the alternate years by the department of economics and sociology, and the department of history. The contest will be open to students who have junior or senior standing, more than half of whose work has been of the grade C, and to special students in the collegiate department who have thirty-two hours' credit of a similar grade.

The subject for the year 1908-9 will be announced in September, 1908. Further details of the plans of competition may be obtained from the professor of economics and sociology. The competitive essay must be submitted by the first of May, 1909.

THE JOHNSON PRIZE.

Professor W. S. Johnson offers a valuable loving cup to be competed for in an oratorical contest open to the members of the literary societies.

BROUGH DEBATING MEDAL.

Professor Charles Hillman Brough, of the department of economics and sociology, offers a medal of the value of \$20, or \$20 in money, as a prize for excellence in debate to be contested for by two representatives from each of the literary societies of the University. Two debates are held during the season, one formal, in which the speeches are prepared, and valued at sixty per cent; the other, an informal, in which the speeches are impromptu, and valued at forty per cent. These debates are designed to train students of the University in the art of forensic speaking, and to promote a friendly rivalry among the literary societies.

PRIZE IN THE PERICLEAN SOCIETY.

Miss Naomi Josephine Williams, instructor in the preparatory school, offers a prize for the best oration written and delivered by a member of the Periclean Society.

PHILBECK PRIZE.

Instructor Robert Edward Philbeck, '00, offers a valuable prize to that member of the Garland Literary Society who delivers the best original oration.

THE EDISON MEDAL.

The Edison Medal Association was founded by the friends and admirers of the great inventor, and in the language of the deed of gift, "was organized for the purpose of properly recounting and celebrating the achievements of a quarter of a century in the art of electric lighting, with which the name of Thomas Alva Edison is imperishably identified," and this purpose was given effect by the "establishment of an Edison medal, which should, during the centuries to come, serve as an honorable incentive to the youth of America to maintain by their works the high standard of accomplishment set by the illustrious man whose name and features shall live while human intelligence continues to inhabit the world."

The medal is awarded each year by a committee of the American Institute of Electrical Engineers for the best thesis or record of research on theoretical or applied electricity or magnetism. Theses or records of research may be submitted by a graduating student from any college or university in the United States or Canada, whose course of study includes the branch of electrical engineering.

THE WINGO MEDAL.

Hon. Otis T. Wingo, of De Queen, Arkansas, a member of the State Senate, offers a medal of the value of ten dollars for the best declamation. All male students are eligible to compete for this medal.

THE TILLMAN MEDAL.

President John N. Tillman offers a gold medal for the best essay by any member of the Sapphic Society.

CHAPEL EXERCISES

Religious exercises, conducted by Mr. B. W. Dickson, General Secretary of the Y. M. C. A., or by an invited clergyman, are held in the University chapel every morning at twenty minutes past eight. Students are required to attend.

CHURCHES

The churches of Fayetteville cordially welcome the students to their Sunday schools and various meetings of prayer and religious instruction. Many students are actively engaged in the work of the different church societies and guilds.

The pastors of the city are actively interested in the spiritual welfare of the students. There follows a list of the local churches and pastors, with the addresses of the latter:

Baptist.—Rev. W. A. Whittle, 241 N. College Ave.

Christian (First).—Rev. Frank Thompson, 2 E. Dickson St.

Christian (Second).—Rev. John Hinds, Hill Street.

Central Presbyterian.—Rev. T. D. McAmis, 308 W. Charles St.

Methodist Episcopal.—Rev. J. F. Ross, cor. W. Rock and School Streets.

Methodist Episcopal, South.—Rev. P. C. Fletcher, 300 Highland Avenue.

Methodist Protestant.—Rev. J. H. Kilgore, Leverett Street

First Presbyterian.—

Protestant Episcopal.—Rev. T. D. Windiate, N. College Ave.

Roman Catholic.—Father Patrick H. Boyle, 354 N. Willow Street.

Seventh Day Adventist.—

DEGREES

The following degrees are conferred by the University:

For undergraduate work:

- Bachelor of Arts (B. A.)
- Bachelor of Civil Engineering (B. C. E.)
- Bachelor of Mechanical Engineering (B. M. E.)
- Bachelor of Electrical Engineering (B. E. E.)
- Bachelor of Mining Engineering (B. Mi. E.)
- Bachelor of Chemical Engineering (B. Ch. E.)
- Bachelor of Science in Chemistry (B. S. C.)
- Bachelor of Science in Agriculture (B. S. A.)
- Bachelor of Science in Physics (B. S. in Phys.)
- Bachelor of Science in Cement Engineering (B. S. in Cem. Eng.)
- Bachelor of Music (B. Mus.)

For graduate work:

- Master of Arts (M. A.)
- Master of Science (M. S.)
- Mechanical Engineer (M. E.)
- Civil Engineer (C. E.)
- Electrical Engineer (E. E.)
- Chemical Engineer (Ch. E.)

All the courses leading to the different bachelor's degrees are based on four years of collegiate work. The B. A. course is designed to give the student liberal culture; while the engineering and scientific courses are technical. The B. A. course is almost entirely elective, certain safeguards and restrictions being thrown around the student's choice of electives; the technical courses necessarily consist principally of prescribed work.

For the announcements of the several collegiate departments, see pp. 84-127 College of Agriculture, pp. 128-139.

Courses of Study for the Collegiate Degrees

B. A. COURSE.

FRESHMAN.	Periods.	||	SOPHOMORE	Periods.
English.....	*3	||	English.....	3
A foreign language.....	3 or 4	||	The foreign language pursued in Freshman year.....	3
From group II.....	3 or 4	||	From group II.....	3
From group III.....	3	||	From group III.....	3
Elective.....	2, 3, or 4	||	Elective.....	4
Total.....	16	||	Total.....	16

JUNIOR.	Periods.	||	SENIOR.	Periods.
Elective.....	16	||	Elective.....	16

*NOTE. A period means one recitation per week throughout a college year, or the equivalent in laboratory work.

Conditions.

1. Sixty-four periods are required for graduation.
2. At or before the beginning of the Junior year the student shall elect a major subject, and 24 periods of the 64 required for graduation shall be subject to the approval of the professor in charge of the major subject. Not more than 18 periods may be taken in any subject, and not more than 36 periods in any group.
3. Candidates for the B. A. degree shall choose their major subject from group I, II, or III, and shall offer not fewer than 9 periods for each of these groups. Not more than 9 periods may be offered from group IV. In the foreign language pursued in the Freshman year the equivalent of two years' work must be offered for admission.
4. In addition to the requirements above mentioned, military science and tactics will be required of male students, or, whenever they are excused, one period per year in other work. One period per year in music, art, elocution, physical culture, or other work, will be required of female students.

Groups.

I. Greek, Latin, English, German, French, Spanish, Italian.

II. Mathematics, Astronomy, Chemistry, Physics, Geology, Biology.

III. History, Philosophy, Political Science, Economics, Sociology, Pedagogy.

IV. Mechanical, Civil, Electrical, Chemical, and Mining Engineering, Horticulture, Agriculture.

COURSE IN MECHANICAL ENGINEERING FOR THE DEGREE OF B. M. E.

FRESHMAN YEAR.	Hrs. per Wk.	SOPHOMORE YEAR.	Hrs. per Wk.
Mathematics, 1a, 2a	6	Mathematics, 4a, 4b	5
English, 1	3	Physics, 1	3
Chemistry, 1	3	Mechanical Drawing, M. E. 2b	2
Mechanical Drawing, M. E. 2a	2	Descriptive Geometry, C. E. 1, two hours, first term	1
Shop Work	2	C. E. 2 and 3 or a Language	3
		Shop Work	2
JUNIOR YEAR.	Hrs. per Wk.	SENIOR YEAR.	Hrs. per Wk.
Mathematics, 6a	2	Machine Design, M. E. 7	4
Machine Design, M. E. 3	3	Mechanical Laboratory, M. E. 8	2
Mechanics, M. E. 4	4	Hydraulic Machinery, M. E. 9, two hours per week, first term	1
Steam Machinery and Gas Engines, M. E. 5	3	Electrical Laboratory, E. E. 5	2
Mechanical Laboratory, M. E. 6	2	Electrical Machinery, E. E. 7	3
Hydraulics, M. E. 9, two hours per week, second term	1	Elective	4
Shop Work	2	Thesis	

All elective courses are subject to the approval of the professor of Mechanical Engineering.

A description of the courses offered in the Department of Mechanical Engineering will be found on pages 117 *et seq.*

COURSE IN CIVIL ENGINEERING FOR THE DEGREE OF B. C. E.

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR.	Hrs. per week.
Mathematics 1c, Algebra, first term.....	3 *	C. E. 2 & 3, Surveying.....	3
Solid Geometry, second term.....	3	Mathematics 4a, Analytic Geometry and Plane Trigonometry.....	3
Mathematics 2c, Plane Trigonometry, first term.....	3	Mathematics 4b Differential and Integral Calculus.....	2
Analytic Geometry, second term.....	3	English 2, French 1, German 1, or Spanish 1.....	3
General Chemistry.....	3	Physics 1.....	3
C. E. 8, Lettering.....	2	C. E. 1, Descriptive Geometry, first term.....	2
C. E. 1a, Drawing.....	2	C. E. 4, Highway Construction, second term.....	1
English 1.....	3	C. E. 4a, Architectural Drawing, second term.....	1
JUNIOR YEAR.	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Mathematics 6b, Algebra and Calculus.....	2	C. E. 15, Field Practice.....	2
M. E. 4, Mechanics.....	4	C. E. 14, Engineering Laboratory, first term.....	2
C. E. 5, Railroad Engineering.....	2	C. E. 11, Sanitary Engineering, first term.....	2
C. E. 6, Field Practice.....	2	C. E. 12, Technical Drawing.....	2
C. E. 8a, Technical Drawing.....	2	C. E. 13, Waterworks Construction, second term.....	3
M. E. 9, Hydraulics, second term.....	2	C. E. 9, Masonry Construction, first term.....	2
*Elective.....		C. E. 10, Roofs and Bridges.....	4 & 3
		Geology 5, Blowpipe Analysis, second term.....	2
		*Elective.....	3
		Thesis.....	

*Electives can be taken only on the approval of the professor of civil engineering.

COURSE IN ELECTRICAL ENGINEERING FOR THE DEGREE OF B. E. E.

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR.	Hrs. per week.
Mathematics 1c, Algebra, first term, Solid Geometry, second term.....	3	Mathematics 4a, Plane Tri- gonometry, Analytic Geom- etry.....	5
Mathematics 2c, Plane Trig- onometry, first term, Analy- tic Geometry, second term.....	3	Mathematics 4b, Calculus.....	2
Physics 1, Engineering Concep- ts.....	3	Chemistry 1, General Chem- istry.....	3
Physics 1, General Physics.....	3	Physics 2, Advanced Gen- eral Physics.....	3
Physics 1, Drawing.....	2	Physics 2a, Laboratory Work.....	2
M. E. 1, Shop Work.....	1½	M. E. 1c, 2, Shop Work.....	1½
		E. E. 2a, Drawing.....	2
JUNIOR YEAR.	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Mathematics 3c, Algebra and Calculus.....	2	E. E. 8, Alternate Current Theory, and E. E. 9, Poly- phase Electric Currents.....	3
English 2, or French 1, or German 1, or Spanish 1.....	3	E. E. 6; Electrical Labora- tory.....	2
E. E. 7; Dynamo Electric Machinery.....	3	E. E. 4; Technical Drawing.....	2
E. E. 3; Technical Drawing.....	2	E. E. 11; Telephony and Telegraphy.....	2
M. E. 4; Mechanics.....	4	M. E. 5; Steam Machinery, first term.....	3
E. E. 5; Electrical Labora- tory.....	2	M. E. 6; Mechanical Labora- tory, first term, and E. E. 10, Electric Railways, sec- ond term.....	2
		Elective.....	2 & 5
		Thesis.....	2

COURSE IN CHEMICAL ENGINEERING LEADING TO THE DEGREE OF B. CH. E.

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR	Hrs. per week.
Mathematics, 1c.....	4	Mathematics 4a and 4b.....	5
Mathematics 2c.....	2	Chemistry 2 and 2a.....	2½
Chemistry 1 and.....		Chemistry 5 and 6.....	3
Chemistry 5, second term....	3½	Physics 1 and 1a.....	3½
M. E. 1b, 1c 1d.....	3	M. E. 1c.....	1
M. E. 2.....	2	English 2 or.....	3
English 1.....	3	German 1.....	
JUNIOR YEAR.	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Mathematics 6b, first term..	2	Chemistry 8.....	3
Chemistry 3 and 3a.....	4	Chemistry 11.....	1½
Chemistry 7.....	3	Chemistry 13.....	1½
M. E. 3.....	3	M. E. 5.....	3
M. E. 4.....	4	E. E. 5.....	2
M. E. 6.....	2	C. E. 11, first term.....	1
		Business Law, one term....	1½
		Thesis.....	
		Journal meeting (Chemistry	
		16).....	
		English 2 or French 1.....	3

N. B. Certain substitutions may be permitted at the discretion of the classification committee.

COURSE IN CHEMISTRY FOR THE DEGREE OF B. S. IN CHEMISTRY.

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR.	Hrs. per week.
Mathematics 1c and 2c.....	6	Chemistry 2.....	2
Physics 1 and 1a.....	3	Chemistry 6.....	3-5
Chemistry 1 and Chemistry 5, second term.....	3½	French 1.....	3
English 1.....	3	Drawing 1a.....	2
German 1.....	3	And from 6 to 8 hours of the following:	
		Chemistry 2a.....	2
		Mathematics 4a and 4b.....	5
		Biology 1.....	3
		Geology 2.....	3
		Economics 1.....	3
		History 3 a or 3b.....	1½
		English 2.....	2
		German 2.....	3
JUNIOR YEAR.	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Chemistry 3.....	2	Chemistry 6.....	3-5
Chemistry 7.....	3-5	Chemistry 13.....	1½
Chemistry 8.....	1½	Chemistry 16 (Journal meet- ing....	
Chemistry 14.....	1	Thesis.....	
Physics 2 and 2a.....	4	And from 9 to 11 hours of the following:	
And from 5 to 7 hours of the following:		Chemistry 4.....	3
Chemistry 5.....	2	Chemistry 4a.....	1-3
Chemistry 8a.....	1-2	Chemistry 9, 10 or 12.....	2-4
Mathematics 6b.....	2	Physics 4 or 5.....	1
Physics 3 and 3a.....	3	Biology 7 or 8.....	4-5
Biology 4.....	4	Geology 7 or 9.....	1-3
Scientific French.....	2	Mathematics 9a.....	1½
Scientific German.....	2	English 4.....	2
Shop Work.....	1-2	History 4a or 4b.....	1
		Business Law.....	1½

COURSE IN MINING ENGINEERING FOR THE DEGREE OF B. M. E.

FRESHMAN YEAR.	Hrs. per week	SOPHOMORE YEAR.	Hrs. per week
Chemistry 1 and 3; General Inorganic Chemistry and Qualitative Analysis,	3	Chemistry 2 and 5; Advanced Inorganic Chemistry and Qualitative Analysis,	3
C. E. 1a; Special Drawing, . . .	2	C. F. 1, Descriptive Geom- etry, two hours, first term	1
English 1, English Compo- sition,	3	Geology 2 General Geology, Geology 5, Crystallography, Mineralogy, and Blowpipe Analysis,	3
Mathematics 1b and 2a; Algebra and Solid Ge- ometry, Trigonometry and Analytic Geometry,	6	Mathematics 4a and 1b, Ana- lytical Geometry, Trigo- nometry and Calculus, . . .	5
Physics 1; General Physics, . . .	3	Mining 1; Elementary Min- ing, two hours, second term,	1
JUNIOR YEAR.	Hrs. per week	SENIOR YEAR.	Hrs. per week
Chemistry 6; Quantitative Analysis, three hours, first term,	1½	Chemistry 7; Quantitative Analysis,	2
C. L. 2 and 3, Surveying, . . .	3	E. E. 5; Electrical Labora- tory, two hours, first term	1
E. E. 12; Direct Current Ma- chinery, three hours, first term and Geology 3; Field Work, three hours, second term,	3	M. E. 5; Steam Engines, three hours, first term and Geology 7; Economic Ge- ology, three hours, second term,	3
M. F. 4, Mechanics,	1	Geology 9, Descriptive Min- eralogy, one hour, first term, and Metallurgy 2; Assaying, three hours, second term,	2
M. E. 9; Hydraulics, two hours, second term,	1	Metallurgy 1; General Metal- lurgy,	3
Geology 8; Rocks and Meta- morphism, two hours, sec- ond term,	1	Mining 3; Advanced Mining	3
Mining 2; Details of Mining, . .	2	Mining 4; Engineering Prob- lems of Mining,	3
*Elective,	2	Mining 8; Ore Dressing,	2

*Electives can be taken only on the approval of the department of Geology and Mining.

COURSE IN CEMENT ENGINEERING FOR THE DEGREE OF BACHELOR OF SCIENCE IN CEMENT ENGINEERING.

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR.	Hrs. per week.
*Chem. 1 and 5; General Chemistry and Qualitative Analysis.....	3	Chem. 2 and 5; Inorganic Chemistry and Qualitative Analysis.....	4
English 1; English Composition.....	3	C. E. 1; Descriptive Geometry, first term and Geology 5b, Mineralogy, second term.....	2
Math. 1b and 2a; Algebra, Solid Geometry, Trigonometry and Analytic Geometry.....	6	Geology 2; General Geology.....	3
M. E. 1; Shop Work.....	2	Math. 4a and 4b; Analytic Geometry, Trigonometry and Calculus.....	5
M. E. 2a; Mechanical Drawing.....	2	Physics 1 and 1a; General Physics.....	3½
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JUNIOR YEAR.	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Cement 1; Outline of Cement Manufacture and the Geology of Cement Materials, first term and Geology 3, Field Work on Cement Materials, second term....	3	Cement 2; Cement Machinery and Design of Plant... Chem. 5; Special Quantitative Analysis.....	3½ 2
Chemistry 5; Quantitative Analysis.....	2	E. E. 5; Electrical Laboratory.....	2
C. E. 12; Masonry Construction, first term and Mining 1; Elementary Mining, second term.....	2	M. E. 5; Steam and Gas Engines.....	3
E. E. 12; Electrical Machinery.....	3	Metallurgy 1; General Metallurgy, first term and Geology 9; Advanced Mineralogy, second term.....	2½
M. E. 4; Mechanics.....	3	Elective.....	3
Elective.....	1		
	3		

*Chem. 1 includes Chemistry, Math., Mathematics, C. E. Civil Engineers, and E. E. Electrical Engineering and M. E. Mechanical Engineering. The figures after the names are the numbers of the courses as given in the catalogue.

COURSE FOR THE DEGREE OF B. S. IN PHYSICS.*

FRESHMAN YEAR.	Hrs. per week.	SOPHOMORE YEAR	Hrs. per week.
Mathematics 1c, 2c.....	6	Mathematics 4a, 4b.....	5
Physics 1.....	3	Physics 2, 2a.....	5
Chemistry 1.....	3	Chemistry 2, 3, 5.....	5
English 1.....	3	French 1.....	3
German 1.....	3		
JUNIOR YEAR	Hrs. per week.	SENIOR YEAR.	Hrs. per week.
Mathematics 6b, 9a, b, 16	7	Mathematics 18	3
Physics 6, 7, 9.....	4	Physics 3, 4, 5, 8, 9.....	10
Chemistry 8	1 $\frac{1}{2}$	Chemistry 12	1 $\frac{1}{2}$
E. E. 5, 12.....	3 $\frac{1}{2}$	E. E. 6, 8.....	3 $\frac{1}{2}$
C. E. 1.....	1	Thesis.....	
Scientific German and French	1	Journal Meeting	
Journal Meeting.....			

* This course begins in September, 1908, only the first two years can be offered at present.

Requirements for the Degrees of Master of Arts and Master of Science

1. That before a student is admitted to candidacy for a master's degree he shall have received the corresponding bachelor's degree from this University or another institution in which the course of study is fully equivalent.

2. That not less than one year intervene between the conferring of the bachelor's and the master's degree.

3. That a course of study in one major, and not more than two minor, subjects, aggregating with a thesis sixteen hours, be pursued in residence, and that fourteen or sixteen hours be taken regularly in the class room.

4. That the major subject, occupying, with the thesis, eight hours, shall be at least third-year work in a subject in which the candidate has at least six hours' credit.

5. That six hours additional work shall be selected in not more than two closely related subjects, in each of which the candidate must have received at least six hours' credit.

6. That all work credited towards a master's degree must be done after the corresponding bachelor's degree has been received.

7. That in computing credit for a master's degree three hours of laboratory work shall be equivalent to one hour of recitation.

8. That the candidate write a satisfactory thesis in the major subject, the theme of which shall be approved by the head of the department six months before the final examination. For the thesis a credit of two hours shall be given.

9. That the candidate shall hand the thesis to the professor in charge of the major subject on or before the 15th of May. Before his final examination the candidate shall be questioned on his thesis by a committee composed of the professors in charge of the major and minor subjects, and a professor of another department, to be designated by the faculty.

Requirements for the Degrees of C. E., M. E., E. E., and Ch. E.

These courses of study are intended to give those students who have finished an undergraduate course in engineering additional preparation to some special line of work to which their previous study has led. The student will have all reasonable liberty in selecting such specialties and will be limited only by certain general requirements. He will be required at the beginning of the year to make up the course which he proposes to follow, and to present it, approved by the instructors concerned, to the faculty. If accepted, it will be subject to change only by the faculty. In general, it is expected that these courses shall comprise one principal subject based on the course already pursued, and two secondary subjects, one or both of which should be closely related to the principal. The graduate course should amount to not less than fifteen recitation hours per week as counted in undergraduate work.

The subject of a thesis for any of the above-mentioned degrees must be submitted to the faculty for approval before the middle of the second term.

These degrees will also be given to graduates in civil, mechanical, electrical, and chemical engineering who have been in successful practice of their profession for three years, and who have submitted a satisfactory thesis on a subject approved by the professor in charge.

Charges—Graduate students pay ten dollars for matriculation and registration, ten dollars for tuition (non-residents, five dollars) at the beginning of each session, and ten dollars in advance for the final examination. Students who fail to comply with any of these requirements, or who do not each year complete the equivalent of two terms' work in one subject, will be dropped from the rolls. Should such students desire to resume their studies, they must pay for matriculation and registration, as if beginning for the first time. The diploma fee is five dollars in advance in each case.

Graduates attending only undergraduate classes pay the same fee as undergraduates.

Non-resident students have such assistance and instruction in their studies as can be conveniently given by correspondence.

COURSES OF STUDY LEADING TO CERTIFICATES.

In pedagogy, mechanical engineering and electrical engineering there are the following courses of study, the completion of which entitles the student to a certificate:

NORMAL COURSE.

The certificate of Licentiate of Instruction (L. I.) has been established by the board of trustees as a testimonial of one's knowledge of educational principles, and proficiency in the art of teaching. There are two conditions upon which the certificate of licentiate instruction is granted:

First. To those who complete either of the prescribed courses of study as given on pp 80-81.

Second. To those who elect their major in the department philosophy and pedagogy. This requires a credit of eleven hours.

NORMAL DIPLOMA A LICENSE TO TEACH.

The following is law relating to the Normal Diploma:

Enacted by the General Assembly of Arkansas:

"SECTION 1. That the diplomas from the teachers' training department of the University of Arkansas shall be equivalent to a teacher's professional license, which shall entitle the holder to teach in any public school in the State of Arkansas for a period of six years from and after the date of issue, and at the expiration of that said diploma may be converted into a life certificate, provided the character of the work done by the holder thereof and his or her moral character meet with the approval of the State Superintendent of Public Instruction of the State of Arkansas.

"SEC. 2. That this Act be in full force from and after its passage."

The foregoing law entitles the graduates of the University normal department to teach in any county in the State for a period of six years, and if the character of the work done is satisfactory to the State Superintendent of Public Instruction, the certificate of Licentiate of Instruction will be converted into a life certificate. This offers special inducements to those who anticipate teaching to attend the Univer-

sity normal department until they have been granted this certificate.

All the literary work required in the normal courses is done by the professors in the regular bachelor's courses.

The normal department has a well equipped training school in which all senior normal students are required to do daily practice teaching under the guidance of a critic teacher.

Admission to the University Normal Course.

The course of study covers four years, the first two of which may be done in the various high schools accredited to the University, or in other schools of equal rank.

Those holding teachers' licenses and public school certificates will not be examined in those subjects named in the certificates.

The requirements for admission to the first year class are the same as those required for admission to the first year class in the Preparatory School. See page 159.

NORMAL COURSE WITH LATIN.

FIRST YEAR.		SECOND YEAR.	
	Hrs. per week.		Hrs. per week.
Algebra.....	5	Advanced Arithmetic.....	2
English.....	4	Plane Geometry.....	4
U. S. History and English		English.....	1
History.....	3	Greek and Roman History.....	3
Beginners' Latin.....	1	Second Year Latin.....	1
Pedagogy, 2a.....	1	Pedagogy, 2b.....	1
Total.....	17	Total.....	18

THIRD YEAR.		FOURTH YEAR.	
	Hrs. per week.		Hrs. per week.
English, 1.....	3	English, 2.....	3
Latin, 1.....	4	Pedagogy, 5 and 6.....	6
Mathematics 1.....	4	Singing and Drawing.....	2
Pedagogy, 1 4, 3.....	5	Horticulture and Agricul-	
		ture, 4.....	2
		Elective.....	3
Total.....	16	Total.....	16

NORMAL COURSE WITH SCIENCE.

FIRST YEAR	Hrs. per week.	SECOND YEAR	Hrs. per week.
Algebra.....	5	Advanced Arithmetic.....	2
English.....	4	Plane Geometry.....	4
U. S. History and English History.....	3	English.....	4
Civil Government.....	3	Greek and Roman History.....	3
Physiology.....	2	Elementary Physics.....	3
Pedagogy, 2a.....	1	Pedagogy, 2b.....	1
Total.....	17	Total.....	17

THIRD YEAR	Hrs. per week.	FOURTH YEAR.	Hrs. per week.
English 1.....	3	English 2.....	3
History 2.....	3	Pedagogy 5 and 6.....	6
Biology 1.....	3	Singing and Drawing.....	2
Pedagogy 1, 4, 5.....	5	Art and Agr. 4.....	2
Elective, A.....	3	Elective.....	3
Total.....	17	Total.....	16

All the work done in the foregoing courses, excepting singing and drawing, is also credited on the B. A. course. After having completed the normal course, one may, after two years of further study, receive the B. A. degree. The completion of the first two years of either of the foregoing courses is presumed to prepare one to pass the examination for the professional license issued by the State Superintendent of Public Instruction.

MECHANIC ARTS COURSE.

This course of two or three years, according to the preparation of the student, is designed to meet the wants of two classes of young men:

First. Those who are not able to spend the time required for the completion of the four years' course.

Second. Those who lack the necessary preparation for admission to the collegiate classes, and do not wish to become candidates for a degree.

Special attention is given to instruction in shop work and drawing, sufficient time being given to the former to enable a student to become familiar with its branches, and to acquire

proficiency in some chosen one. The time spent in the drawing room will enable the student to make and understand machine drawings.

In the last year the technical instruction is designed to give such an elementary knowledge of mechanics, machine design and steam machinery as will enable the student to use and care for machinery intelligently. No diploma is awarded, but a certificate will be given on the completion of the course.

Students taking the mechanic arts course will be prepared to enter the Freshman class in engineering at the end of the second year if they complete second year English and can pass the examination on United States History.

COURSE FOR CERTIFICATE IN MECHANIC ARTS.

FIRST YEAR.	Hrs. per week.	SECOND YEAR.	Hrs. per week.
Mathematics, first Year Pre- paratory.....	5	Mathematics, Second Year Preparatory.....	5
English, First or Second Year Preparatory.....	4	M. E. 4, Mechanics and Hydraulics.....	3
Drawing, M. E. 2.....	3	M. E. 2, Mechanical Drawing, Preparatory Physics.....	3
Shop Work.....	3	Shop Work.....	3

THIRD YEAR.	Hrs. per week.
M. E. 3, 5a, Machine Design and Steam Machinery.....	5
M. E. 6, Mechanical Labora- tory.....	2
E. E. 12, Electrical Machin- ery.....	3
E. E. 5, Electrical Labora- tory.....	2
Shop Work.....	3

* Short Course in Electrical Engineering.

This course prepares students for practical work, such as constructing, operating, superintending, or managing lighting, power or manufacturing plants. It does not lead to a

* Candidates for this course should be at least sixteen years old and have a fair knowledge of the common school branches. They must meet the requirements for admission to the 2d year preparatory class in mathematics.

degree, but a suitable certificate will be given on completion of the work.

COURSE FOR CERTIFICATE IN ELECTRICAL ENGINEERING.

FIRST YEAR.	Hrs. per week.	SECOND YEAR.	Hrs. per week.
E. E. 1; Electrical Engineer- ing.....	5	E. E. 12; Electrical Machin- ery.....	3
E. E. 2; Drawing.....	2	E. E. 2a; Technical Draw- ing.....	2
M. E. 1d, b; Shop Work, Mathematics Second Pre- paratory, Plane Geometry.....	2	E. E. 5; Electrical Labora- tory.....	2
	5	M. E. 5a; Steam Engines and Boilers.....	3
		M. E. 1c, e; Shop Work... Mathematics 1c; Algebra first term; Solid Geome- try, second term.....	2
		Mathematics 2c, Plane Trig- onometry, first term; Ana- lytic Geometry, second term.....	3
			3

*DESCRIPTION OF COLLEGIATE COURSES

ANCIENT LANGUAGES.

J. C. FUTRALL, *Professor.*

JOHN J. JAMES, *Adjunct Professor.*

LATIN.

For students entering with only three units in Latin (see page 43 of this catalogue) courses 1 and 1a are provided. Students presenting four units for entrance will be admitted to course 2, but will be required to satisfy the professor of their proficiency in course 1a, or to pursue that course with the class.

Students who desire recommendations as teachers of Latin in the high schools of the State must have credit for courses 1, 1a, 2, 2a, 3a, and either 3 or 4.

1. CICERO'S ORATIONS AND LETTERS, AND VIRGIL (3).—A review of the forms; drill in the syntax of noun and verb; the prosody of Virgil. *No credit will be given for this course until course 1a has been passed.* M. Tu. Th. 1, 2, and 3.

ADJUNCT PROFESSOR JAMES.

1a. PROSE COMPOSITION (1).—Designed to accompany course 1. Bennett's Latin Writer completed, with additional exercises prepared by the instructor. W. 1, 2, and 3.

ADJUNCT PROFESSOR JAMES.

2. CICERO AND LIVY (3).—Cicero's *de Amicitia* and *de Senectute*; Livy, Burton's Selections; sight reading; Roman literature. *Prerequisite: Courses 1 and 1a.* M. W. F. 3.

PROFESSOR FUTRALL.

Text-books. Bennett's and Gilderleeve's Grammars; Wilkins' *Primer of Roman Literature*; Critwell's *Roman Literature*. Any approved edition of the Latin authors may be used, except when certain editions are prescribed. *Lexicons:* Harper, Lewis, White.

*The number to the left of the description of a course is the number of the course; the number to the right is the number of hours per week that the course is given. In general, two hours of laboratory work are considered as the equivalent of one hour of recitation. Thus a course that has two hours per week of recitation work and two hours of laboratory work is a three hour course. Unless the contrary is stated in the description of a course, all courses run throughout the year. No professor is required to teach an elective course unless it is applied for by at least five students.

2a. PROSE COMPOSITION (1).—Nutting's Advanced Latin Composition. *Prerequisite: Courses 1 and 1a.* Th. 3.

PROFESSOR FUTRALL.

3. ROMAN PUBLIC AND PRIVATE LIFE (2).—Selections from Cicero, Pliny, Juvenal, and Martial. *Prerequisite: Course 2.* Tu. Th. 4.

PROFESSOR FUTRALL.

3a. PROSE COMPOSITION (1).—The translation of connected passages of idiomatic English into idiomatic Latin. *Prerequisite: Courses 2 and 2a.* W. 4.

PROFESSOR FUTRALL.

4. HORACE AND TACITUS (2).—Horace, Odes and Epodes; Tacitus, Annals; parallel and sight reading; the metres of Horace. *Prerequisite: Courses 2 and 2a.* T. 3; F. 4.

PROFESSOR FUTRALL.

5. ROMAN POETS (3).—Readings will be taken from Plautus, Terence, Catullus, Horace, Juvenal, and others, and the attention of the student will be directed rather to the literary side of the authors read than to grammatical and syntactical peculiarities. The metres of Plautus and Terence will be carefully studied. Course 5 may be taken twice and counted towards a degree, as the readings will be changed in successive years. *Prerequisite: Courses 2a and 3 or 4.*

PROFESSOR FUTRALL.

GREEK.

Courses 1 and 2 are designed to give to students who do not present entrance credits in Greek an opportunity to begin the study of the language. Those having an entrance credit of three units will be admitted to course 3.

1. **ELEMENTARY COURSE (4).**—White's *Beginner's Greek Book*, with selection from Xenophon's *Anabasis*. A thorough mastery of the forms and constructions given in this book is required. *M. T. W. Th. 4.*

ADJUNCT PROFESSOR JAMES.

2. **XENOPHON AND LYSIAS (4).**—This course is intended to familiarize the student with all the ordinary Attic forms and constructions; frequent exercises in oral and written translation of English into Greek, based upon the text read, are given, and some practice in sight reading; Goodwin's *Grammar*. *Prerequisite: Course 1. M. W. Th. F. 6.*

ADJUNCT PROFESSOR JAMES.

3. **HOMER AND PLATO (3).**—Systematic study of the grammar; prose composition; Greek literature; sight reading. *Prerequisite: Course 2. M. 4, Th. F. 2.*

PROFESSOR FUTRALL.

4. **Greek Historians (2).**—Selections from Herodotus and Thucydides. *Prerequisite: Course 3.*

PROFESSOR FUTRALL.

5. **Advanced prose composition (1).**—Weekly written exercises. *Prerequisites: Course 3.*

PROFESSOR FUTRALL.

6. **THE ATTIC DRAMA (3).**—Readings from Æschylus, Euripides, Sophocles, and Aristophanes. *Prerequisites: Course 3.*

PROFESSOR FUTRALL.

† *Text books:* Goodwin's Revised Greek Grammar; Goodwin's Greek Mood and Tenses, Collier and Daniell's Prose Composition; Higley's Exercises in Greek Composition. Any approved edition of the Greek authors may be used, except when certain editions are prescribed. Liddell and Scott's Lexicons are recommended.

ENGLISH.

E. F. SHANNON, *Professor.*

C. C. ALEXANDER, *Adjunct Professor.*

MRS. E. M. BLAKE, *Instructor.*

JOELLE HOLCOMBE, *Instructor.*

FRESHMAN YEAR.

I. ELEMENTARY COMPOSITION AND LITERARY HISTORY (1) — A. S. Hill's *Principles of Rhetoric* (revised and enlarged edition), and Simond's *History of English Literature*. Recitations, weekly impromptu themes based upon assigned reading, and other written exercises, memorizing of Gray's *Elegy*; Goldsmith's *Deserted Village*; Dryden's *Alexander's Feast* and *Song for St. Cecilia's Day*; and assigned reading, which will embrace examples of English Literature from Beowulf to Tennyson. A syllabus giving the list of assigned readings will be furnished upon application to the instructor.

Students should secure the books for assigned reading early, either by ordering through a bookseller, or by sending money orders or stamps to the publishers mentioned in the syllabus. The excuse will not be accepted that books were ordered through a bookseller but not received.

For instruction in the history of English Literature, the class meets in eight sections, once a week as follows: Two sections, Tu 1; two sections, Tu 2; two sections, Tu 3; two sections, Tu 6. For writing and rewriting themes, and for recitations in rhetoric and poetry, the class is divided into twelve sections, each meeting twice a week, as follows: M. Th. 1; W. F. 1; M. Th. 2; Th. F. 2; two sections M. Th. 3; W. F. 3; two sections W. F. 4; M. Th. 6; W. F. 6; W. F. 7. *Required of all Freshmen.*

Adjunct Professor Alexander,
Mrs. Blake,
Miss Holcombe.

II. COMPOSITION FOR ENGINEERING AND AGRICULTURAL STUDENTS (2). This is a practical course designed to meet the needs of students in Engineering and Agriculture. Students can obtain another hour's credit by doing extra work out of

class. *Prerequisite* English 1. T. Th. 4. ADJUNCT PROFESSOR, ALEXANDER.

SOPHOMORE YEAR.

2. ADVANCED COMPOSITION; OUTLINE HISTORY OF THE LYRIC, THE EPIC, THE DRAMA, THE NOVEL, AND THE ESSAY; ELEMENTARY ANGLO-SAXON (3).—Barrett Wendell's *Composition* and Smith's *Old English Grammar*. Recitations, lectures, informal discussions, weekly impromptu themes, long themes, and assigned reading which will follow the development of the lyric, the epic, the drama, the novel, and the essay.

A syllabus giving the list of assigned readings will be furnished upon application to the instructor.

Students should secure the books for assigned reading early, either by ordering through a bookseller, or by sending money orders or stamps to the publishers mentioned in the syllabus. The excuse will not be accepted that books were ordered through a bookseller but not received.

For instruction in the outline history of English literary forms, the class meets once a week, T. 3.

For recitations and informal discussions in advanced rhetoric and elementary Anglo-Saxon, the class is divided into four sections, each meeting twice a week. Th. M. 2; W. F. 3; Th. M. 4; F. M. 7. *Required of all Sophomores in the B. A. and B. S. Courses; elective for others who have credit for English 1.* PROFESSOR SHANNON.

3. AMERICAN LITERATURE (2).—Colonial literature will be studied in outline. Intensive study will be given to the leading poets especially to Bryant, Emerson, Poe, Longfellow, Whittier, Holmes, Lowell, Lanier followed by a consideration of the minor poets of the South. *Open to Sophomores who have credit for English 1.* M. Th. 4. MISS HOLCOMBE.

JUNIOR YEAR.

4. ADVANCED COMPOSITION (2).—This course provides a continuation of the composition work of English 2. Especial attention will be devoted to argumentation. *Required of Juniors*

whose major subject is English and open to Juniors who have completed English 2. W. F. 2; M. T. 7. PROFESSOR SHANNON.

ADJUNCT PROFESSOR ALEXANDER.

8. ENGLISH LITERATURE OF THE EIGHTEENTH CENTURY (2).—English literature from the death of Dryden to the publication of the Lyrical Ballads (1700-1798). *Open to Juniors who have credit for English 2.* M. F. 6.

PROFESSOR SHANNON.

9. ENGLISH LITERATURE OF THE NINETEENTH CENTURY (2).—English literature from the publication of the Lyrical Ballads to the death of Queen Victoria (1798-1901). *Open to Juniors who have credit for English 2.* M. Th. 4. MRS. BLAKE.

10. MODERN ENGLISH (2).—Chaucer's Life and Poems; Emerson's History of the English Language. *Required of Juniors whose major subject is English and open to Juniors who have completed English 2.* W. F. 4. PROFESSOR SHANNON.

SENIOR YEAR.

6. ENGLISH LITERATURE OF THE SIXTEENTH CENTURY (2).—Special attention will be paid to the period beginning with Tottel's Miscellany, and ending with the death of Spencer (1557-1599). *Prerequisite: English 8, 9 or 10.* M. F. 6. *Omitted in 1908-1909.* PROFESSOR SHANNON.

7. ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY (2).—The course is almost entirely a study of the drama and its development. The greater part of the year will be devoted to a reading of Shakespeare's plays in approximately chronological order. The work of Ben Jonson will also be studied and several of his representative plays will be read. Papers and reports on assigned topics are required. *Prerequisite: English 6, 9 or 10.* T. F. 7. ADJUNCT PROFESSOR ALEXANDER.

11. ANGLO-SAXON (2).—Bright's Anglo-Saxon Reader; Lounsbury's History of the English Language; Greenough &

NOTE.—Students who select English as their major subject are required to take besides English 1 and 2, the following courses: English 10, 4, and two hours from English 7, 8, 9, 6, in the Junior year; English 11, and four hours from English 7, 8, 6, 9 in the Senior year.

Kittredge's *Words and Their Ways in English Speech. Required of Seniors whose major subject is English; open to Seniors who have completed English 10.* T. Th. 1.

PROFESSOR SHANNON.

GERMAN.

M. C. G. LENTZ, *Professor.*

1. ELEMENTARY COURSE (3).—Kayser and Montaser's *Brief German Course*; translation from German into English; Wigo by Jacobsen and *Der Tschokoi* by Kraner with *Prose Composition* based on these texts; Immensee by Storm, *Germelshausen* by Gerstaecker. M. T. Th. 1; M. W. F. 3; T. W. F. 4; T. W. Th. 6; T. W. Th. 7.

2. GERMAN PROSE AND POETRY (3).—Review of grammatical principles with especial reference to Syntax, Thomas's *German Grammar*; reading of works by modern authors, such as *Die Nonne* by Baumbach, *Incognito* by Groller, *Anfang und Ende* by Heyse; German composition based on the text of Heyse's *L'Arrabbiata*. Practice in German conversation. M. T. Th. 1; M. W. F. 4.

2a. INTERMEDIATE GERMAN COMPOSITION AND CONVERSATION (2).—Bronson's *Colloquial German*, Dresden's *German Composition*; Wesselhoef's *German Exercises*. T. Th. 2.

3a. LESSING, GOETHE AND SCHILLER (3).—Lessing's *Minna von Barnhelm*, Goethe's *Iphigenie auf Tauris*, Schiller's *Wallenstein*. German essays on works read. Rolleston's *Lessing*, Sims's *Goethe* and Nevison's *Schiller*. Prehn's *Journalistic German*, Scheffel's *Trompeter von Sackkingen*. M. W. F. 3.

3b. ADVANCED GERMAN COMPOSITION AND CONVERSATION (2).—Poll's *German Prose Composition*; Groller's *Incognito* with composition based on the text. Practice in conversation and original composition. This course is conducted partly in German. T. Th. 5.

4a. HISTORY OF GERMAN LITERATURE WITH SPECIAL STUDY OF THE CLASSIC PERIODS OF THE TWELFTH AND EIGHTEENTH CENTURY (3).—Keller's *Bilder aus der deutschen Litteratur*; Obermann's *Deutscher Minnesang*, Wenckebach's *Die Meister-*

werke des Mittelalters. Hatfield's German Lyrics and ballads and other parallel reading. English essays on works read.

W. F. 2.

3. MIDDLE HIGH GERMAN AND OLD HIGH GERMAN (2).—Paul's *Mittelhochdeutsche Grammatik* and *Das Nibelungenlied* (first term); Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch* (second term); translation both terms into modern German only. Given in odd years (1909, 1911, etc.) T. Th. 6.

4. SCIENTIFIC GERMAN (2). German Science Reader by Watt; Helmholtz's *Populäre Vorträge*; Lassar-Cohn's *Die Chemie im täglichen Leben*; outside reading of available German scientific periodicals. Given in even years (1908, 1910, etc.) T. Th. 6. *Prerequisite*: three years of German.

NOTE.—For the purpose of acquiring a facility in sight-reading and cultivating a taste for modern German literature each student registered in German 301, 302, 303, 304 is required to read during the College year not less than five volumes of standard German fiction. A list of novels suitable for such reading can be obtained from the head of the department.

ROMANCE LANGUAGES.

A. MARINONI, *Professor*.

1. ELEMENTARY COURSE (3).—Grammar (Fraser and Squair) and reading of easy French prose; conversation. M. W. F. 2; T. W. Th. 7.

2. MODERN FRENCH PROSE (3).—Reading of some works of About, Daudet, Erckmann-Chatrian, Merimee, Sand, Paileron. Cameron's French Composition; assigned reading; conversation. M. W. F. 3.

3. HISTORY OF FRENCH LITERATURE IN THE SEVENTEENTH CENTURY (3).—Study of the classical period of French literature, with special attention to the foremost writers of the time. Lectures, reading, reports. *Prerequisite*: French 2. The course may be conducted in French. M. W. F. 1.

4. FRENCH LITERATURE OF THE NINETEENTH CENTURY (2).—The romantic movement in France studied as a part of the greater European movement. Representative works of Lamartine, A. de Vigny, A. de Musset, V. Hugo will be read and analyzed. *Prerequisite*: French 2. M. W. 6.

5. MODERN FRENCH LITERATURE (1).—New tendencies in poetry, and the reaction against romanticism as shown in the works of Leconte de Lisle, Verlaine, Sully Prudhomme, Heredia
- F. 6.

6. FRENCH DRAMA (1).—Lectures; written reports. The object of this course is a systematic study of the origin and development of the French drama. Hour to be arranged.

7. FRENCH SYNTAX (1).—French syntactical forms will be studied from the historical standpoint.

8. SCIENTIFIC FRENCH (1).—A short reading course of one hour especially intended for those students whose major work is in science. Hour to be arranged.

10. PRACTICE IN SPEAKING FRENCH.—All students who have had at least French I may enter this course. The object is to give the student fluency in speaking. The class will meet twice a week. Hours to be arranged.

SPANISH.

1. ELEMENTARY COURSE (3).—Loiseaux's Grammar; Padre Isla's Gil Blas and other easy texts; composition; conversation. M. T. F. 5.

2. MODERN SPANISH (3).—Selections from the best productions of the nineteenth century will be read; assigned reading; conversation.

ITALIAN.

1. ELEMENTARY COURSE (3).—Sauer's Grammar; De Amicis' Il Cuore; composition; conversation. M. W. F. 4.

2. DANTE (2).—Two hours, by appointment. Of the Divina Commedia only the Inferno will be read.

MATHEMATICS AND ASTRONOMY.

GEORGE W. DROKE, *Professor.*

B. J. DUNN, *Associate Professor.*

A. M. HARDING, *Adjunct Professor.*

MARY I. DROKE, *Instructor..*

MATHEMATICS.

1a. ALGEBRA, SOLID GEOMETRY, PLANE TRIGONOMETRY.—4 hours per week. About 12 weeks are given to each subject.

Algebra coming first. *Text books:* Well's Advanced Course in Algebra, Durell's Plane and Solid Geometry.

Sections 1 and 2. Tu. W. Th. F., periods 1 and 4. ADJUNCT PROFESSOR HARDING AND INSTRUCTOR MARY DROKE.

3c. ALGEBRA (*first term*), PLANE TRIGONOMETRY (*second term*).—3 hours per week. M. W. F., period 7. Open to Freshmen who have credit for Solid Geometry. PROFESSOR DROKE.

1c. ALGEBRA (*first term*), SOLID GEOMETRY (*second term*).—3 hours per week. Sections 1, 2, 3. M. W. F., periods 3 and 4. Required of Freshmen engineers.

PROFESSOR DROKE AND ASSOCIATE PROFESSOR DUNN.

2c. PLANE TRIGONOMETRY (*first term*), ANALYTIC GEOMETRY (*second term*).—3 hours per week. Sections 1, 2, 3. Tu. W. Th., periods 1, 3, 4. Required of Freshmen engineers.

ASSOCIATE PROFESSOR DUNN,
ADJUNCT PROFESSOR HARDING,
INSTRUCTOR MARY DROKE.

4. ANALYTIC GEOMETRY.—3 hours per week. Allen's Analytic Geometry. Elective for A. B. students of the Sophomore year. M. W. F., period 2. PROFESSOR DROKE.

4a. PLANE TRIGONOMETRY AND ANALYTIC GEOMETRY (*continuation of 2c*).—3 hours per week. Sections 1 and 2. M. W. F., periods 2 and 4. Required of Sophomore engineers.

ASSOCIATE PROFESSOR DUNN AND ADJUNCT PROFESSOR HARDING.

3. ALGEBRA (24 weeks), ANALYTIC GEOMETRY (12 weeks).—3 hours per week. M. W. F., period 6. Elective for A. B. Sophomores who are deficient in Algebra. PROFESSOR DROKE.

5a. ANALYTIC GEOMETRY (*continuation of course 3*).—2 hours per week. Tu, Th., period 3. PROFESSOR DROKE.

4b. DIFFERENTIAL AND INTEGRAL CALCULUS.—2 hours per week. Osborne's Calculus. Sections 1 and 2. Tu. Th., period 2. Required of Sophomore engineers.

PROFESSOR DROKE AND ADJUNCT PROFESSOR HARDING.

5b. ALGEBRA (*continuation of Algebra 1 a*).—2 hours per week. Elective for A. B. Sophomores. Tu. Th., period 2.

ASSOCIATE PROFESSOR DUNN.

6. DIFFERENTIAL AND INTEGRAL CALCULUS.—3 hours per week. M. W. F., period 3. Elective for A. B. Juniors and Seniors.

PROFESSOR DROKE.

6b. ALGEBRA (12 weeks), Calculus (24 weeks).—2 hours per week. Tu-Th., period 3. Required of Junior engineers.

ASSOCIATE PROFESSOR HARDING.

The following elective courses are offered, but on account of the limited teaching force not more than two of them may be taken the same year:

8. SPHERICAL GEOMETRY, PLANE AND SPHERICAL TRIGONOMETRY, THEORY OF EQUATIONS.—2 hours per week.

8a. THEORY OF EQUATIONS.—Continuation of course 8. 2 hours per week.

9. (a) DIFFERENTIAL EQUATIONS.—3 hours per week. First or second term. Murray's Differential Equations.

(b) ANALYTICAL GEOMETRY OF THREE DIMENSIONS.—3 hours per week. First or second term. Books of Reference: C. Smith's and Frost's Solid Geometry; Salmon's Geometry of Three Dimensions.

9a. MODERN ANALYTIC GEOMETRY.—2 hours per week.

12. ADVANCED CALCULUS.—3 hours per week.

15. DIFFERENTIAL GEOMETRY.—2 hours per week.

18. PARTIAL DIFFERENTIAL EQUATIONS.—3 hours per week. *Prerequisite: Course 9(a).*

NOTE: Those who make mathematics their major subject must take courses 1a, 4, 5b, 6 and 8, or their equivalent. Courses 9, 9a, 12, 15 and 18 may be taken by graduate or undergraduate students.

Astronomy.

16. DESCRIPTIVE ASTRONOMY.—2 hours. Lectures and recitations, with occasional meetings at night for observation. Text book: Moulton's Introduction to Astronomy.

ADJUNCT PROFESSOR HARDING.

17. SPHERICAL AND PRACTICAL ASTRONOMY.—2 hours. Astronomical co ordinates. Parallax. Time. Use of a sextant and transit instrument, determination of latitude, etc.

ADJUNCT PROFESSOR HARDING.

HISTORY AND POLITICAL SCIENCE.

J. H. REYNOLDS, *Professor.*D. Y. THOMAS, *Associate Professor.*

The courses in this department are designed to afford general culture, and in addition are essential to those who are looking to law, journalism, politics, the ministry or any other public calling. Course 2 is foundation work and should be taken in the Freshman year. Other courses are not open to Freshmen.

2. (a) MEDIAEVAL HISTORY (*first term*) (3).—This course is designed to give the student a knowledge of the essential contributions of the ancient world to history, of the reorganization of German society upon the basis of Graeco-Roman civilization, and the rise of the modern states.

(b) MODERN HISTORY (*second term*) (3).—Beginning where course (a) leaves off, the class will study the great world movements of modern times, such as the reformation, religious wars, absolutism, the struggle for constitutional government in England, the contest for supremacy on the high seas, the French Revolution, and the democratic movements of the nineteenth century. All students seeking a liberal education should take this course. *Text Books:* Robinson's History of Western Europe and his Readings in European History. *For Freshmen* M. Th. 1; T. F. 1; M. F. 2; T. F. 3; M. Th. 4; M. F. 6. All sections meet the fifth period on Wednesday.

PROFESSOR REYNOLDS.

ASSOCIATE PROFESSOR THOMAS.

3. THE UNITED STATES SINCE 1783 (*throughout the year*) (3).—After a brief study of the Confederation and of the formation of the Constitution, the subsequent history of the United States will be treated with special reference to political and constitutional development. Special attention will be given to the growth of political parties, the gradual sectional division of the country over slavery and states' rights, and the results of the Civil War and Reconstruction. Much library work will be required. M. W. F. 4. ASSOCIATE PROFESSOR THOMAS.

4. (a) AMERICAN STATE GOVERNMENT (*first term*) (2).—A study of the place of the state in our federal system, of the constitutional law of the states; of the structure and workings of American state governments as they exist today, and of some of the practical problems now before the states, such as the initiative and referendum, control of corporations, legislative reference, proportional representation.

(b) POLITICAL PARTIES (*second term*) (2).—Organization and workings of political parties. The caucus, the convention, the boss, the primary; methods of state control. Largely a library and lecture course. M. F. 2. PROFESSOR REYNOLDS.

5a. HISTORY OF ENGLAND (*throughout the year*) (3).—A general culture course covering the whole of English History, treating alike the political, the literary, the religious, and the economic activities of the people. The origin and growth of the more important institutions, such as the kingship, parliament, cabinet, courts, and church; the reformation, the literature, the economic changes; the struggle for constitutional government and the colonial system will all receive attention. Primarily for sophomores. PROFESSOR REYNOLDS.

5. (a) ENGLAND UNDER THE TUDORS AND THE STUARTS (*first term*) (3).—A study of the political, religious, literary and economic history of England during these two periods.

(b) THE BRITISH EMPIRE (*second term*) (3).—While a brief survey of the general history of England through the eighteenth and nineteenth centuries will be made, the attention of the class will be mainly devoted to a study of England's colonial history and of the forces that have developed the British Empire of today. An analysis of the present imperial policy will be given. A library and lecture course. *Prerequisite: History 2 or Junior standing.* M. T. Th. 2.

PROFESSOR REYNOLDS.

6. (a) NATIONAL GOVERNMENT (*first term*) (3).—A study and comparison of the structure and powers of the national governments of England, United States, France, Germany, and Switzerland. Special emphasis will be given to the place of the federal system in public law, *Text book: Burgess's*

Political Science and Constitutional Law, and the constitutions themselves.

(b) INTERNATIONAL LAW (*second term*) (3).—A brief sketch of the history of international law, and a study of the principles now considered binding on civilized nations. For juniors or seniors who have had three hours of college history. *Textbook*—Davis's Elements of International Law. Considerable library work will be required. T. W. F. 3.

ASSOCIATE PROFESSOR THOMAS.

1. (a) HISTORY OF GREECE (*first term*) (2).—This course is designed to give a thorough knowledge of the history and the institutions of the Greeks. A general knowledge of the subject is presumed.

(b) HISTORY OF ROME (*second term*) (2).—The explanations made above in regard to the history of Greece apply to this course.

ASSOCIATE PROFESSOR THOMAS.

7. (a) FRENCH REVOLUTION AND THE NAPOLEONIC ERA (*first term*) (2).—France on the eve of the revolution; her political philosophers; causes and events of the revolution; and the wars of Napoleon.

(b) THE NINETEENTH CENTURY (*second term*) (2).—The democratic movement of the century; the development of constitutional government, the unification of Italy and Germany; and the present condition of world politics. Tu. Th. 4.

ASSOCIATE PROFESSOR THOMAS.

8. (a) POLITICAL THEORIES (*first term*) (3).—An historical survey of the writers on politics from Plato to modern times with some attention to actual conditions at the time of each writer studied. Particular attention will be paid to individual liberty and to the growth of democracy.

(b) AMERICAN DIPLOMACY (*second term*) (3).—The formation and activity of the Department of Foreign Affairs and of the Department of State; study of the most important questions that have arisen in our foreign relations, mainly from the state papers. For juniors or seniors who have had 6 b.

ASSOCIATE PROFESSOR THOMAS.

9. (a) THE UNITED STATES 1763-1783 (*first term*) (2).—The Colonies in their relations to the mother country with special reference to the attempt at imperial taxation. Particular attention will be given to the literature of the period as preparing the colonists for separation. The steps leading to the Declaration of Independence will be traced in detail; also the failure of the Confederation and the formation and adoption of the Constitution.

(b) THE CIVIL WAR AND RECONSTRUCTION (*second term*) (2).—The first part of this course will deal mainly with the events leading up to the war; the second with the political, economic, and social phases of Reconstruction. *Prerequisite: six hours of history.* T. Th. 6.

ASSOCIATE PROFESSOR THOMAS.

ECONOMICS AND SOCIOLOGY.

C. H. BROUGH, *Professor.*

NEIL CAROTHERS, *Adjunct Professor.*

The courses offered in this department are designed to give instruction in problems of current economic, social and public interest, to prepare students for the duties of citizenship and participation in the professions of law, politics, journalism, financiering in general, for professional and business careers. Economics 1 is prerequisite to all courses except 2, 7 and 9.

1. PRINCIPLES OF ECONOMICS (*both terms*) (3).—*Texts:* Bullock's Introduction to the Study of Economics; Seligman's Principles of Economics, with assigned reading in special topics, such as trusts, tariff, labor, taxation, etc. Prerequisite to all economic courses except 2, 7 and 9. Section 1, M., Tu., Th. 1; Section 2, M. 2, W. 2, F. 2; Section 3, M. 4, W. 4, F. 4; Section 4, M. 6, W. 6, F. 6; Section 5, M. 3, W. 3, F. 3.

2. BUSINESS LAW (*both terms*) (3).—A study is made in this course of the law of bills, cheques, and notes; the law of contracts; the law of agency, and the laws of Arkansas. The regular text book work will be supplemented by some lectures by President Tillman of the University, formerly Circuit Judge, on topics connected with the course. *Texts:* Bigelow's Bills,

Cheques, and Notes; Harriman on Contracts; Huffcut on Agency; Kirby's Digest of Arkansas Laws. T. 6, W. 1, F. 1.

3. (a) MONEY AND BANKING (*first term*) (3).—The theory of money, banking and credit is considered, and current financial problems and practical banking is stressed. Visits are made from time to time to the banks of Fayetteville, in order that the class may familiarize itself with the forms and machinery of banking. *Texts*: White's Money and Banking; Fiske's The Modern Bank. T. 2, Th. 2, F. 5.

(b) TRANSPORTATION AND ITS PROBLEMS (*second term*) (3).—The railway systems of the United States and foreign countries, railroad geography, rate making, government *versus* private ownership and control and the proposed enlargement of the powers of the Interstate Commerce Commission are considered. *Texts*: Johnson's American Railway Transportation; Johnson's Ocean and Inland Water Transportation, supplemented by lectures, assigned readings, in the Congressional Records, Reports of the Interstate Commerce Commission, and Newcomb's Facts About Railroads. T. 2, Th. 2, F. 5.

4. (a) INSURANCE (*first term*) (3).—A study of life, fire, accident, liability, industrial and marine insurance, and of the work of the insurance agent. *Texts*: Alexander's The Life Insurance Company; Insurance (Special Volume of the Annals of the American Academy). The text work will be supplemented by special lectures delivered by insurance agents and experts and by visits to the office of Wilson & Collins, Agents of Security Mutual, Fayetteville. M. 4, W. 4, Th. 6.

(b) MODERN ADVERTISING AND TRUST FINANCE (*second term*) (3).—A study of modern methods of advertising and forms of corporate organization. *Texts*: Calkins and Holden's Modern Advertising; Mead's Trust Finance. M. 4, W. 4, Th. 6.

5. (a) PUBLIC FINANCE AND FINANCIAL HISTORY OF THE UNITED STATES (*first term*) (3).—The principles and history of taxation, the management of public debts and financial administration will be dealt with; a study made of the economics of city waterworks, electric light plants and street railway systems; and an investigation made of the financial history of the United

States. *Texts*: Dewey's Financial History of the United States; Whinery's Municipal Works; supplementary readings in Porter's Dangers of Municipal Ownership and Report of Civic Federation. M. 7, T. 4, Th. 4.

(b) *TARIFF HISTORY OF THE UNITED STATES AND RECIPROCITY (second term)* (3).—A thorough study of the tariff history of the United States and the movement for reciprocity, together with a consideration of the argument for protection and tariff revision. *Texts*: Taussig's Tariff History of the United States; Laughlin and Willis' Reciprocity. M. 7, T. 4, Th. 4.

6. (a) *SOCIALISM AND SOCIAL REFORM (first term)* (2).—A study of socialism and social reform, involving a consideration of such practical questions as the government ownership and control of public utilities, the single tax, and co-operation. *Text*: Ely's Socialism and Social Reform. Collateral reading in George's Progress and Poverty, Gillman's Socialism and the American Spirit, and current periodicals. T. 6, Th. 6.

(b) *THE LABOR QUESTION (second term)* (2).—A study of the purposes and fundamental principles of trades unions, strikes, lockouts, boycotts, blacklists, arbitration, conciliation, and injunction both from the standpoint of the laborer and capitalist. *Texts*: Mitchell's Organized Labor; Adams and Summer's Labor Problems. T. 6, Th. 6.

7. (a) *PRINCIPLES OF SOCIOLOGY (first term)* (2).—This course considers the elements of social growth and progress, describes social institutions, and suggests practical social reforms. *Text*: Wright's Practical Sociology. Supplementary readings on liquor, divorce, prison administration, poor relief and slum problems. T. 7, Th. 7.

(b) *MODERN METHODS OF CHARITY (second term)* (2).—A study of the dependent and depraved classes of society, the slum centers, their problems and conditions. *Text*: Henderson's Modern Methods of Charity. T. 7, Th. 7.

8. *ECONOMIC PROBLEMS OF THE PRESENT (both terms)* (3).—Lectures, debates, and discussions of the tariff, trust,

labor, hip subsidy, railroad, government ownership, municipal monopoly, socialism, income tax, inheritance tax, injunction, land reform and prohibition problems. One period each week is devoted to lectures by the Professor in charge on these current economic questions; one, to debates by members of the class; one, to discussions and reports on these questions in class. No regular texts are used, but Congressional Records, *U. S. L.*, and current periodicals are freely consulted. M. 5, W. 5, Th. 3.

9. ENGINEERING LAW (*both terms*) (3) - Elective for Seniors in Civil Engineering. Lectures and recitations three times a week. *Texts* - Johnson's Contracts and Specifications; Wait's Engineering and Architectural Jurisprudence. M. 6, T. 3, F. 3.

CHEMISTRY.

CHARLES G. CARROLL, *Professor.*

H. E. MORROW, *Associate Professor.*

1. ELEMENTARY CHEMISTRY (3) - Lectures and recitations two hours a week; laboratory exercises one afternoon a week. *Prerequisite: Preparatory physics.*

ASSOCIATE PROFESSOR MORROW.

14. ELEMENTARY CHEMISTRY (2) - Two hours per week in addition to the work of chemistry 1. Required of students in the course in Agriculture; second term of the Freshmen, and first term of the Sophomore year.

ASSOCIATE PROFESSOR MORROW.

2. GENERAL INORGANIC CHEMISTRY (2) - Lectures and recitations two hours per week. Smith's *General Inorganic Chemistry* is the text book used. M. 1; W. 1.

PROFESSOR CARROLL.

24. LABORATORY EXERCISES TO ACCOMPANY CHEMISTRY 2. (1-2) - Smith's *Laboratory Outline of General Chemistry* is used as a basis.

PROFESSOR CARROLL.

3. ELEMENTARY ORGANIC CHEMISTRY (2) - Lectures and recitations twice a week. Remsen's *Organic Chemistry* is the text book used. *Prerequisite: Chemistry 1.*

ASSOCIATE PROFESSOR MORROW.

3a. LABORATORY EXERCISES IN ORGANIC CHEMISTRY (1-2).—
To accompany chemistry 3 ASSOCIATE PROFESSOR MORROW.

4. ADVANCED ORGANIC CHEMISTRY (3).—Lectures and recitations three hours per week. *Prerequisite: Chemistry 3.*
ASSOCIATE PROFESSOR MORROW.

4a. ORGANIC PREPARATIONS (1-2).—Exercises in organic Chemistry, with the manuals of Gattermann, Levy, Fischer as a basis. This course should be taken in connection with Chemistry 4. ASSOCIATE PROFESSOR MORROW.

5. QUALITATIVE ANALYSIS (2-3). One lecture or conference per week, with laboratory work, during either term or throughout the year. *Prerequisite: Chemistry 1.*

PROFESSOR CARROLL.

ASSOCIATE PROFESSOR MORROW.

6. QUANTITATIVE ANALYSIS (2-5).—One lecture or conference per week with laboratory work, for one term or during the year. The credit given will depend on the quality of the work and the number of determinations made. The course will be varied to suit the needs of individual students. *Prerequisite: Chemistry 5.*

PROFESSOR CARROLL.

7. QUANTITATIVE ANALYSIS (2-5).—Occasional lectures and conferences. More complicated gravimetric and volumetric processes of analysis. Credit determined as for Chemistry 6.

PROFESSOR CARROLL.

8. QUANTITATIVE ANALYSIS (2-5).—A continuation of course 6 or course 7. The work to be done will be varied to suit the needs of the student. Engineering students may perform exercises in technical gas analysis, the analysis of fuels, oils, etc. *Prerequisite: at least 1½ hours of Chem. 5 and Chem. 6.*

PROFESSOR CARROLL.

9. WATER ANALYSIS (2-3).—A course in the methods of sanitary and technical water analysis, primarily for engineering students. The discussion and interpretation of results of the various analyses will be illustrated in occasional lectures and conferences. *Prerequisite: at least 1½ hours of Chem. 5 and Chem. 6.*

PROFESSOR CARROLL.

10. **ELECTRO-CHEMICAL ANALYSIS** (2-5).—Quantitative analysis by electrolysis. Laboratory exercises with occasional lectures during the year or either term. PROFESSOR CARROLL.

11. **PHYSICAL CHEMISTRY** (3).—Lectures three hours per week for one term. *Prerequisite: Chem. 1 and a certain amount of Chem. 5 and 6; Mathematics 1a; Physics 1, 1a.*

PROFESSOR CARROLL.

11a. **LABORATORY EXERCISES IN PHYSICAL CHEMISTRY** (2-3).—To accompany chemistry 11. PROFESSOR CARROLL.

12. **ELECTRO-CHEMISTRY** (3).—Elementary, theoretical and applied electrochemistry. *Prerequisite: Physics 2, Chem. 1.* Lectures and laboratory exercises during one term.

PROFESSOR CARROLL.

13. **HISTORY OF CHEMISTRY** (2).—Lectures, assigned readings and reports, during one term. PROFESSOR CARROLL.

14. **CHEMISTRY COLLOQUIUM** (1). Readings and discussions one hour per week, during the year. For the year 1907-1908 Glaser's *Indikatoren der Acidimetrie und Alkalimetrie* was the basis of the work. PROFESSOR CARROLL.

15. **RESEARCH WORK**.—Problems in research will be given to graduate students and to others competent to undertake such work. A reading knowledge of German and of French is indispensable. PROFESSOR CARROLL.

16. **JOURNAL MEETING** (1). The instructors and advanced students of this department and of the department of physics meet once a week for discussion of articles in the current chemical and physical journals, and to report on their own investigations. Thursday: 7:30—8:30 p. m.

BIOLOGY.

F. W. PICKEL, *Professor.*

The courses of this department have been arranged to meet the needs of three classes of students: those who desire to become acquainted with the fundamental principles of plant and animal life; those who contemplate the study of medicine; and those wishing to go more thoroughly into the study of biolog-

ical science to obtain the technical training necessary for subsequent investigation or for teaching.

1. **GENERAL BIOLOGY (3).**—This course serves as an introduction into the whole field of biological science, and should be a part of the general education of every student. Types of plants and animals will be dissected and studies in the laboratory, and the essential truths of biology emphasized. One recitation and laboratory work, four hours per week throughout the year. Tu. Th. 6 and 7; F. 6.

2. **BOTANY (3).**—In this course special attention is paid to the morphology, physiology, and ecology of plants, but due attention is given in the second term, to the systematic classification of plants, and each student is required to collect and write a technical description of a certain number of plants. The geological history of plants and the origin of cultivated plants will be briefly considered. Field work, when practicable, will form an important feature of the course. Recitations and laboratory work six hours per week throughout the year. M. W. 6 and 7; F. 7.

3. **ADVANCED BOTANY (3).**—A lecture and laboratory course on the morphology, physiology and the diseases and injuries of plants. One lecture and four hours' laboratory work per week throughout the year. *Prerequisite: Botany 2.*

4. **BACTERIOLOGY (4).**—An introduction to the subject, and instruction in laboratory technique: the preparation of nutrient media, the characteristics of bacteria, the kind and effects, isolating and keeping pure cultures, microscopical preparations, the study of bacteria found in soil, in water, and in air, study of pathogenic forms and their relation to disease. One lecture and six hours' laboratory work per week throughout the year. *Prerequisite: Chemistry 1; Biology 1. M. 1; Tu. W. F. 2 and 3.*

5. **GENERAL ZOOLOGY (3).**—A general course in invertebrate and vertebrate morphology. Attention will be given to the fundamental facts of zoological science, and the laws of development, heredity, variation, correlation, etc. In connection with the laboratory work in the course, instruction will be given to such students as desire to learn methods of preparing bird skins and mammal skins for laboratory and museum specimens.

Field work, when practicable, will form an important feature of the course. One recitation and four hours' laboratory work per week throughout the year. M. F. 3 and 4; W. 5.

6. COMPARATIVE ANATOMY OF VERTEBRATES (3).—Recitations and demonstrations dealing with the comparative anatomy of actinoptera, cycloptera, sharks, fishes, amphibians, reptiles, birds and mammals. Laboratory work on selected types of the different groups. One recitation and four hours' laboratory work per week throughout the year. *Prerequisite: Biology 1, or General Zoology 5.* M. 2; W. F. 1 and 2.

7. ANIMAL HISTOLOGY AND EMBRYOLOGY (5).—This course is offered to students intending to study medicine, but is open to any student who has completed Biology 1. It consists of instruction in histological and embryological methods of technique to acquaint the student with the principles of histology and embryology. Two lectures and six hours' laboratory work per week throughout the year. Tu. Th. 1; W. F. 2, 3, 4.

8. PHYSIOLOGY (4).—The physiology of foods, digestion, and nutrition, the blood circulation, and respiratory mechanism, the excretion, especially analysis of urine, functions of brain and spinal cord, physiology of nerve and muscle. Two lectures and four hours' laboratory work a week throughout the year. *Prerequisites: Chemistry 1, Elementary Physiology.* M. 5; Tu. Th. 2 and 3.

9. NATURE STUDY (1).—A special course in nature study, its aim, methods, etc., and systematic science teaching will be offered to students who expect to teach. One lecture per week throughout the year. *Prerequisite: Biology 1.*

GEOLOGY AND MINING.

A. H. PURDUE, *Professor.*

A. A. STEEL, *Associate Professor.*

Geology.

The several courses in geology are intended to supply the needs of:

1. Students who wish to ground themselves in the elements of the science with the view of making it a life work. Of such, courses 2, 3, 5, 7 and 8 are required.

2. Students taking the course in mining engineering, of whom courses 2, 3, 5, 7 and 9 are required.

3. Students in agriculture to whom course 1 or 2 is recommended.

4. Students desiring a general educational knowledge of the subject to whom course 2 is recommended.

5. Students who are preparing themselves to teach physical geography and physiography, to whom course 1 or 6 is recommended.

Mining Engineering.

The four years' course in mining engineering outlined on page 74 is planned to give that instruction in the underlying principles of geology and mining engineering, which can be acquired only with great difficulty outside of the colleges. Effort will be made to train the student in original thinking and the ready adaptation of means to the unusual conditions so common in mining.

The practical work of mining, metallurgy, and ore dressing can be learned so much more rapidly and effectively by actual work, that no laboratory instruction in these lines is offered at the University. The students are expected to spend parts of at least two summer vacations at ordinary day's work in some mine, mill or smelter, where they will be expected to ask questions of the workmen and keep notes of their observations, and compute the costs of some detailed operations. This plan, besides preparing the students for the study of the principles involved in their work, also gives them a useful knowledge

of the workmen with whom they must deal, and tends to break down the prejudices on both sides.

The course in Cement Engineering, outlined on page 75 is mining geology and mining operating, rather than all round technical men. Hence a large part of the student's time is spent upon work in the department of geology and mining, but the necessary fundamental work in mathematics and applied science is not slighted, and enough work is required in the other technical departments to enable the graduates to solve the simpler problems of civil, mechanical, and electrical engineering, and metallurgy, and to judge of the qualifications of specialists in these lines, when in charge of large properties. There is also enough laboratory and field work required to fit the young mining engineer to do all the analytical work, assaying, surveying, drafting, and designing needed at the average mine, while he is acquiring the experience and prestige necessary for more responsible and executive positions.

While the course is not especially exacting, it is severe and should be undertaken only by students well prepared mentally and in good health. To accomplish all the work well, the average student will have to devote seven or eight hours per day, six days per week to his college work during the academic year.

Cement Engineering.

The Course in Cement Engineering, outlined on page 75 is designed to give that college training which will be most useful to the designer or manager of a modern complex cement factory. The required work is divided among several departments so as to give an all around training in the technology of cement engineering, rather than exhaustive drill along one line. Time is also left for some electives to be taken, in accordance with the special need or abilities of the student, either in the line of additional engineering or science for the technical man, or of liberal studies for one desiring to specialize in the administrative side of the cement industry.

In addition to the fundamental course of geology, there will be required sufficient field work for the geological examination of a number of near by deposits of suitable Portland cement material. For this work the University of Arkansas is unusually fortunate in that some such deposits are situated within

the limits of the City of Fayetteville. Most of these are so well exposed that, without expensive exploration, the student can determine the amount of stripping necessary, the inclination or lay of the limestone and shale beds, and, therefore, the most convenient method of arranging a hypothetical quarry and plant. Some study of quarrying methods may also be obtained at the two groups of lime quarries in the vicinity of Fayetteville.

In the same way a part of the work in chemistry will consist of analyses of the samples of possible cement material actually collected by the students in the field.

The detailed work in cement will serve to unify the entire course, and will deal with the special features of cement making. In the junior year will be given the introductory course in the manufacture and chemistry of cement, and the detailed geology of cement material. This will enable the student to understand the technical journals and to study actual cement plants with greater profit. In the senior year, when the student is better equipped for the work, will come the details of quarrying methods, the critical course in cement making machinery and the principles governing the general arrangement of the plant. An increasing proportion of the student's time will be devoted to the outline design of a complete plant, and some time will be devoted to cement testing in the laboratory of the Civil Engineering Department.

Before the degree is granted at least six weeks of actual work at some cement plant will be required. This work should, if possible, be done during the summer between the junior and senior years, and will include the collection of data for the graduating thesis. Since the course is new and without precedent, changes may be made in the future as experience indicates.

Geology.

I. **ELEMENTARY GEOLOGY (3)**—An elementary course suited to Freshmen, and adapted to the needs of teachers of physical geography in the secondary schools.

Text. The Elements of Geology, by W. H. Norton. M. T. W. 6 and 7.

PROFESSOR PURDUE.

2. **GENERAL GEOLOGY (3).**—The geological work of the atmosphere and water (including streams, lakes, the ocean, and underground water); glaciers and glaciation; organic agencies; igneous and sedimentary rocks; structural geology; diastrophism; historic geology. Recitation three times a week. *Text:* Branner's *Syllabus of General Geology*, supplemented by Chamberlin and Salisbury's *Geology*. *Prerequisite:* *Chemistry* 1. M. T. W. 2.

PROFESSOR PURDUE.

3. **PRACTICAL GEOLOGY (3).**—Field and laboratory work nine hours a week throughout the year, with the construction of geologic maps and sections, and topographic maps.

PROFESSOR PURDUE.

5. **CRYSTALLOGRAPHY AND MINERALOGY (3).**—(a) Lectures and recitations three hours a week during the first term on the elements of geometric crystallography.

(b) Laboratory work (three-hour periods) three times a week following course (a) and extending through the year. Determination of minerals before the blowpipe, and in the wet way. *Text:* *Determinative Mineralogy*, Brush. *Required of students in geology, mining and civil engineering.* *Prerequisite:* *Chemistry* 1. Th. F. 5, 6, 7, 8.

ASSOCIATE PROFESSOR STEEL.

6. **ADVANCED COURSE IN PHYSIOGRAPHY (3).**—The work of the atmosphere, ground-water, running water, and snow and ice; crustal movements and vulcanism; moisture, pressure and circulation of the atmosphere. This course is offered to *Juniors and Seniors and those who have had geology 1 or 2*. Second term. *Text:* *Physiography*, by R. D. Salisbury.

PROFESSOR PURDUE.

Students who take their major in geology are required to prepare a report including maps, sections, and other necessary illustrations, of some area the geology of which they have worked out.

Mining.

1. **INTRODUCTORY COURSE (2).**—Descriptive treatment of a few of the more common methods of mining now practiced, pre-

liminary to the study of actual mining during the summer vacation. A general basis for later detailed and critical courses. Lectures or recitations twice a week during second term. *Prerequisites: Chemistry I, Physics I.*

ASSOCIATE PROFESSOR STEEL.

2. DETAILS OF MINING OPERATIONS (2½) --Methods, tools, rate of progress and comparative cost of; excavation of earth; drilling and blasting of rock; driving and timbering of tunnels in hard and soft ground; boring for various purposes, and shaft sinking and timbering. Also a discussion of the nature and use of common explosives, and the special methods of mining. Outside reading with lectures or recitations twice a week throughout the year. *Prerequisite: Mining I.*

ASSOCIATE PROFESSOR STEEL.

3. ADVANCED MINING (3).—(a) A critical study of the different methods of exploration, development and working of mineral deposits. Practice in selecting the methods best suited to certain assigned conditions, and in combining the good features of various established systems of mining. Lectures or recitations three times a week the first ten weeks of the year.

(b) MINING ADMINISTRATION.—Organization of staff for large and small mines; purchase of supplies and disposal of product; management of labor; elements of mining law; mine accounts and cost sheets. Three times per week for seventeen weeks following course (3a).

(c) MINE EXAMINATIONS.—Sampling of ore bodies; estimation of average value, and available and probable tonnage of ore in the mine; character and form of maps and expert reports. Outside drawing and lectures or recitations three times a week last seven weeks of the term.

This course is open only to students whose major is taken in the department of Geology and Mining.

ASSOCIATE PROFESSOR STEEL.

4. ENGINEERING PROBLEMS OF MINES (3).—(a) Applications of civil engineering to mining. Surface and underground handling, transportation and storage of minerals; mine buildings, trestles, ore bins, etc; mineral railroads, common roads; water supply; drainage of mines; methods of ventilation; accident to

men; underground surveying. Lectures and conferences three times a week, first term, with outside reading, designing and detailed drawing. *Prerequisites:* C. E. 2 and 3; M. E. 4 and 9.

ASSOCIATE PROFESSOR STEEL.

(b) **MINE PLANT.** Description and critical discussion of the mechanical equipment of mines; hoisting engines, ropes, skips, cages, and head frames; various types of pumping machinery, air compressors and the transmission of power by compressed air, machine drills; mine cars and tracks; underground haulage plant, practice in the selection of mining machinery from trade catalogues. Lectures and conferences three times a week, second term. Outside reading and detailed drawing. *Additional prerequisite:* M. E. 5. *Either term may be elected separately.*

ASSOCIATE PROFESSOR STEEL.

8. **ORE DRESSING.** General principles and theory of ore dressing; hand dressing; cleansing; crushing; sizing and classifying; jigging sized and unsized products; table concentrating; stamp milling of gold and silver ores; descriptions of typical ore dressing works, practice in outlining schemes of ore dressing under assigned conditions. *Text book:* Richard's Ore Dressing. Recitations and conference twice a week, two terms. *Prerequisites:* *Geology 5, Mechanical Engineering 4 and 5.*

ASSOCIATE PROFESSOR STEEL.

Metallurgy.

1. **GENERAL METALLURGY** (1½ or 3) —Elementary study of fuels and furnaces and the metallurgy of iron and steel, copper, lead, silver and gold. Lectures or recitations three times a week first term. M. W. F. 4. If desired by a sufficient number of students the course will be continued through the second term, taking up the metallurgy of the minor metals and the more important wet chemical methods of extracting the metals from their ores. *Prerequisite:* *Chemistry 1.*

ASSOCIATE PROFESSOR STEEL.

2. **ASSAYING** (1 or 1½) —Fire Assaying of various classes of ores and furnace products for gold, silver and lead. Laboratory work four or six hours a week on Saturdays, with occa-

sional lectures and recitations, second term. *Text-book*: Ricketts and Miller. *Prerequisite*: *Chemistry 1*.

ASSOCIATE PROFESSOR STEEL.

Cement.

1. INTRODUCTORY COURSE (1½).—Outline of cement manufacture and methods of handling the materials with the detailed geology and description of the more important classes of deposits used for making cement. Lectures or recitations three times a week during the first term, with outside reading, to be followed by *Geology 3*. *Prerequisite*: *Geology 2*.

PROFESSOR PURDUE AND ASSOCIATE PROFESSOR STEEL.

2. ADVANCED COURSE (3½).—Description and critical study of cement making machinery and its management; methods of mixing materials and correcting deficiencies to secure the correct chemical composition of the cement; general administration of the plant and the storing and marketing of the finished cement. This work will be given by lectures and outside reading for three hours a week the first term, and will be followed by the outline design, with drawings, of a projected cement plant, involving the selection of proper machinery from makers' catalogues, etc., and counting as four hours' credit during the second term. *Prerequisite*: *Cement 1*.

ASSOCIATE PROFESSOR STEEL.

PHILOSOPHY AND PEDAGOGY.

W. S. JOHNSON, *Professor*.

ROSE BLAND, *Training Teacher*.

The object of the courses offered in this department is (a) to afford general culture, and (b) to train those who expect to enter professional life, especially law, medicine, the ministry and teaching.

For those contemplating the professions of law, journalism and business, the following courses are recommended: 7, 8 and 9; Medicine: 7, 8 and 10; teaching: 1, 3, 4, 5 and 6.

For the required course of study in the normal department, and the conditions under which the certificate of Licentiate of Instruction is granted, see page 80.

Students selecting Pedagogy as a major are required to take the following courses: 1 or 8a, 3, 4 or 8b, 5 and 6. The completion of these courses as a part of the work offered for the B. A. degree entitles the student to the Normal Diploma also.

1. ELEMENTARY PSYCHOLOGY (*first term*) (3).—This course serves as an introduction to pedagogy. The course though open to all students in the collegiate department, is especially designed for the students in the Normal Department. The different functions of the mind are studied from the physiological and experimental standpoint. It is intended to make it as concrete as possible by a study of the nervous system, and by experiments to demonstrate the action and interaction between the mind and the nervous tissue. *Text-books*: Buell's Essentials of Psychology, Gordy's New Psychology. M. W. F. 1, and M. W. F. 2.

2. (a) SCHOOL MANAGEMENT (1).—This course serves as a general introduction to teaching and school management. It is open to all students of the University—both preparatory and collegiate. It is especially designed for those students who teach during the vacation or who expect to teach for only a short time. Students may attend these lectures without enrolling as members of the class. *Text book*, Halleck's Psychology. Th. 8.

(b) ART OF TEACHING (1).—This course is subject to the same conditions as (a). The methods of teaching the common school branches will be discussed, illustrated by model lessons. Kern's Among Country Schools. No credit is given in the B. A. course for 2a or 2b. F. 8.

3. SCIENCE OF INSTRUCTION (2).—The methods discussed are based on psychology. The broader generalizations of the science of education are studied, and the student learns to apply the principles of psychology to the work of teaching. This is a very practical course. During the first term the Methods of the Recitation is studied, the Special Methods during the second term. Students may enter the second term. *Text-books*: McMurray's Method of Recitation, and Special Methods. T. Th. 1, and T. Th. 2.

4. HISTORY OF EDUCATION (*second term*) (3).—This course includes the study of the educational systems and methods of

ancient, mediæval and modern nations; lives and theories of educational reformers; growth of education in the United States and in the State of Arkansas. *Text-books:* Monroe's Brief Course in the History of Education; Arkansas School Law M. W. F. 1, and M. W. F. 2.

5. CHILD STUDY (4).—In this course it is intended to make a practical application of the principles studied in courses 1, 3, 4 and 6a. The characteristics of children as seen in the school-room, at home, and at play will be carefully studied. Topics assigned and discussed at the general critiques which are held twice each week. Daily practice teaching in the model school.

6. (a). EDUCATIONAL PSYCHOLOGY (*first term*) (2).—This course applied to the principles of psychology to the school room. Special attention is given to such subjects as the sources of interest, the characteristics of imitation, heredity, attention, memory, imagination, emotions, will, and character. *Text-book:* Garlick and Dexter's *Psychology in the School-room*.

(b). SCHOOL ECONOMY (*second term*) (2).—Such subjects are discussed as school revenues and expenditures, school sanitation, course of study, grading the school in relation to society, government, and institute work. Assigned readings and reports.

7. ABNORMAL PSYCHOLOGY (1).—This course is designed to supplement course 8, and to discuss especially the psychological conditions and mental phenomena of sleep, dreams, hypnotism, somnambulism, sanity, insanity, illusions, hallucinations, mind reading, etc. This, as well as course 8, will be especially valuable to those students who expect to study law or medicine. It is intended to throw light on many of the peculiarities of mental life as exhibited in mankind. Lectures, discussion of reports. *No prerequisite (though desirable to be accompanied or preceded by course 1 or 8).*

8. (a). GENERAL PSYCHOLOGY (*first term*) (3).—This course discusses the general principles of the thought process. The mind is studied from the physiological, experimental, comparative and introspective points of view.

(b). LOGIC (*second term*) (3).—An introductory course in inductive and deductive reasoning. *Text-book:* Creighton's

Introductory Logic M. W. F. 7. *Open to Juniors and Seniors only.*

9. (a) ELEMENTS OF ETHICS (*first term*) (2).—The bearing on the standing of the theories of evolution, sociology, biology, economics, and political economy, as applied to real life. *Text-book: Paulsen's A System of Ethics.*

(b) INTRODUCTORY TO PHILOSOPHY (*second term*) (2).—This course is designed to present in an elementary way the principal philosophical problems. It may properly be taken by all who desire an acquaintance with philosophy as a means of culture. *Text-book: Paulsen's Introductory to Philosophy.*

10. PRINCIPLES OF EVOLUTION (1).—A discussion of the underlying facts, the methods of scientific research, and the philosophical problems upon which the modern philosophy of evolution is founded. *Text-book: Conn's Evolution of Today.*

PHYSICS.

H. SCHAPPER, *Associate Professor, in charge.*

MESSRS. WHITE, GRAHAM, and McCLAIN, *Assistants.*

PREPARATORY PHYSICS (3).—Recitations three hours a week throughout the year.

1. GENERAL PHYSICS (3).—Two hours a week throughout the year are devoted to class-work, and two hours a week throughout the year to work in the laboratory. To be taken parallel with freshman mathematics. *Prerequisite: Preparatory Physics.* M. W. 3; Tu. F. 4; W. Th. F. 6, 7.

1d. PRECISION OF MEASUREMENTS ($\frac{1}{2}$).—Recitations one hour a week during the second term. *Elective.*

2. ADVANCED PHYSICS (3).—Lectures and recitations three hours a week throughout the year. Some of the more important dynamical principles are given; the theory of potential is discussed at more length; the subject of Electrical Measurements is treated rather fully; the notion of an Electron is introduced. To be taken parallel with sophomore mathematics. *Prerequisite: Physics 1.* M. T. W. 1.

2d. LABORATORY WORK (2).—Four hours a week throughout the year taken parallel with Physics 2. F. 5-8.

3. THEORETICAL ELECTRICITY (2).—Vector Analysis; Maxwell's theory; Lorentz's theory; The Mechanics of the Electron.

4. KINETIC THEORY OF GASES (1).—Two hours a week first term.

5. THERMODYNAMICS (1).—Two hours a week second term.

6. HEAT (1).—Two hours a week for one term, mostly laboratory work.

7. LIGHT (1).—Two hours a week for one term, mostly laboratory work.

8. GENERAL THEORY OF LIGHT (2).—The theory of light is considered more fully, special attention being given to the Electromagnetic theory of light.

9. MATHEMATICAL PHYSICS (4).—Four hours a week for a year.

10. ELEMENTARY ACOUSTICS (1).—A course of two hours a week for one term, intended primarily for students of music. The scientific basis of harmony is explained and fully illustrated.

11. JOURNAL MEETING.—Together with the department of chemistry, the instructors and students of the Department of Physics meet once a week, on Thursday, for report and informal discussion of articles in the current physical and chemical journals, and of such researches as may be carried on in the departments. Attendance is required of all students in the advanced classes.

MECHANICAL ENGINEERING.

B. N. WILSON, *Professor and Superintendent of Mechanic Arts.*

B. MITCHELL, JR., *Adjunct Professor and Assistant Superintendent of Mechanic Arts.*

H. W. DEAN, *Instructor in Mechanical Engineering.*

W. T. CRIPPIN, *Engineer.*

Two courses are offered, a four-year course leading to the degree of B. M. E. (see page 60), and a short course of two or three years (see page 82), depending upon the preparation of the student.

While a major part of a course in mechanical engineering necessarily consists of scientific and technical studies, the four years' course provides for instruction in English and modern languages, and offers electives that may be taken in other than technical subjects.

Besides the mathematical and scientific studies which constitute the necessary preparation for the study of engineering branches, instruction is given in mechanics, machine design, theory of steam and gas engines, etc. Special attention is given to the practical application of the truths and theories taught in the class-room, a part of the time being devoted to shop work, drawing and laboratory practice.

Sufficient instruction is given in the theory and use of electrical machinery to enable the student to use it intelligently.

In the senior year the student is offered an elective in the branch of mechanical engineering in which he wishes to specialize.

Shop Work*.

1. (a) Woodworking—Principles of carpentry and joinery; exercises in wood turning. M. Tu. 1, 2, 3, 4.

(b) Founding—Green sand moulding; melting and pouring brass and iron. W. 5, 6, 7. Th. F. 5, 6, 7, 8; Sat. 1, 2, 3, 4.

(c) Forging—Management of fires; drawing and welding; riveting and tempering; case hardening and annealing. M. Tu. Sat., 1, 2, 3, 4; W. Th. F., 3, 4, 5, 6, 7.

(d) Patternmaking—Practice in making patterns; care and use of woodworking machinery. W. 5, 6, 7; Th. F., 5, 6, 7, 8; Sat., 1, 2, 3, 4.

(e) Ironworking—Chipping; filing; turning; planing; drilling, grinding; erection of machinery. Tu. Sat., 1, 2, 3, 4; W. Th. F., 1, 2, 3, 4, 5, 6, 7.

(f) Advanced work—In any of the above courses.

2. (a) MECHANICAL DRAWING—(2 or 3)—Lettering, geometrical drawing; copy machine drawings; working drawings from machine parts, tracing, blue printing. M. Tu. 6, 7.

*NOTE: Two hours credit is least amount of work that can be taken in M. E. (b. d.); (c. e.)

(b) MECHANICAL DRAWING (2).—Perspective and isometric drawings; intersections; development; detail drawing; blue printing. M. Tu. 6, 7.

(c) ARCHITECTURAL DRAWING (2).—Plans; elevations; sections; standard details of buildings. M. Tu. 6, 7. *Prerequisite*: M. E. 2 (a), or an equivalent.

3. MACHINE DESIGN (3).—Kinematics of machinery; design of gear teeth; link motions, cams, etc. One hour's recitation and four hours' drawing per week. M. 4. M. Tu. 5, 6, 7.

4. MECHANICS (4).—Theoretical Mechanics, first term; Mechanics of Materials, second term. *Text books*. Wright's Mechanics and Merriman's Mechanics of Materials. M. T. W. Th. 1.

(a). ELEMENTARY MECHANICS.—An elementary course in mechanics and hydraulics. *Prerequisite*: First Preparatory Mathematics. W. Th. F. 2.

5. STEAM MACHINERY AND GAS ENGINES (3).—Elementary thermodynamics; comparison of types of steam engines, gas engines, boilers, etc.; valve gears. T. Th. 3; F. 1.

5a. STEAM ENGINES AND BOILERS (3).—Elementary theory of steam engines and boilers—care and management of same; valve gears. Three hours per week one year. *Prerequisite*: Sub. Freshman Mathematics. Tu. Th. 3; F. 1.

6. EXPERIMENTAL ENGINEERING (2).—Calibration of engineering instruments, indicators, steam gauges, planimeters, nozzles, meters, weights, etc.; tests of materials of construction in tension, torsion, compression and bending; valve setting. *Text book*: Experimental Engineering, Carpenter. Four hours laboratory work per week. W. 4, 5, 6, 7.

7. MACHINE DESIGN (4).—Theory of steam and gas engines; problems in steam and gas engines and boiler design. One recitation, six periods of drawing. W. 3.

8. EXPERIMENTAL ENGINEERING (2).—Complete tests of different types of steam engines, boilers, pumps, gas engines, oil engines, turbines, special investigations. Tu. 4, 5, 6, 7.

9. HYDRAULICS AND HYDRAULIC MACHINERY.—Hydraulics and Hydrostatics the second term during Junior year and a study of the design, construction and operation of turbines and

pumping machinery the first term of the Senior year. *Text-book.* Treatise on Hydraulics, Merriman. Two recitations per week. Th. 4, F. 2.

10. METHODS OF ICE MAKING; COLD STORAGE (2).—Ice-making machinery. Two hours per week for one term.

11. HEATING AND VENTILATING (3).—Principles of ventilation, the different systems of heating by steam, hot water, and air; specifications. Three hours per week for one term.

12. STEAM ENGINEERING (4).—Mechanical engineering of power plants; selection of machinery for equipment of power stations; plans and specifications. One lecture and six hours drawing per week, second term. *Prerequisite* M. E. 5.

13. MACHINERY AND MILL WORK (4).—Discussions of the different methods of distributing power in mill work, considerations controlling the design of the power plant; specifications. One hour's lecture and six hours' drawing per week, second term.

14. RAILROAD ENGINEERING (4).—Design and construction of locomotives; repairs for rolling stock; discussion of the problems relating to the mechanical engineering of railroads. One hour's lecture and six hours' drawing per week, second term. *Prerequisite:* M. E. 5.

CIVIL ENGINEERING.

J. J. KNOCH, *Professor.*

V. P. KNOTT, *Associate Professor.*

The design of this department is to furnish a course of theoretical instruction, accompanied by illustrations and as much of engineering practice as can well be taught in schools. This course will give the student a knowledge of the fundamental principles required to enter intelligently upon the various branches of engineering belonging to this profession.

The special technical studies, which are offered in this course, may be grouped under the heads of surveying, applied mechanics, road and railroad engineering, hydraulic engineering, bridge engineering, and sanitary engineering. A general outline of the course is found on page 70.

Instruction. The work in surveying extends over three years. It embraces land surveying, leveling and United States public land surveys during the Sophomore year; topography, railroad reconnoissance and location during the Junior year; triangulation and geodesy during the Senior year. Much time is devoted to practice in the field and drafting room, this work being carried on parallel with the classroom work. Each year a party of engineering students go into camp one week for practice in surveying and locating railway lines.

I. DESCRIPTIVE GEOMETRY (2).—Recitation and practice first term. *Text-book:* Church's Descriptive Geometry. Engineering Hall. Th. 8:30-9:30; M. 1:30-3:20.

1a. DRAWING (2).—Selection and care of instruments. Drawing geometrical figures, conventional representation of materials, copying and tracing working drawings; and drawing from models. Two afternoons throughout the year. Engineering Hall. T. W. 1:30-3:20.

2. SURVEYING (*with 3*) (3).—First, and part of second, term. Care, use, and adjustment of instruments, use of chain, tape, compass, transit, solar attachment, level, sextant, and plane table; land surveying, leveling, contouring, laws, and instructions relating to surveys of the public domain. *Text-book:* Raymond's. Engineering Hall. T. F. 8:30-9:30.

3. FIELD PRACTICE.—Exercises in land, city, and topographical surveying. One afternoon throughout the year. Th. 12:40-4:00.

4. HIGHWAYS (1).—One hour per week, second term. The location, construction, and maintenance of common, Macadam, and Telford roads; brick, stone, wood, and asphalt pavements for city streets. *Text-book:* Spalding's Roads, Streets, and Pavements. Engineering Hall. Th. 8:30-9:25.

4a. ARCHITECTURAL DRAWING (1).—One hour per week, second term. Elementary course in architecture; drawing plans and elevations of simple structures; analysis of plans. M. 1:30-3:20.

5. RAILROAD ENGINEERING (2).—Two hours per week throughout the year. Preliminary surveys and location; transition curves, yards, and turnouts; estimates of the earthwork and

material used in construction; the economies of railroad location and management. *Text-books*: Searle's Field Engineering, and Crandall's Transition Curve and Earthwork Computations, first term, Webb's Economies of Railroad Construction, second term. Engineering Hall. T. Th. 10:20-11:15.

6. FIELD PRACTICE (2).—Location of curves, turnouts, and Y's, measurement of cutbanks and cuts, and computation of volumes. Four hours a week throughout the year. F. 12:40-4:00.

7. RAILROAD SURVEY.—One week, twelve hours per day. Actual field practice in reconnaissance, preliminary survey, and location.

8. DRAWING (2).—Lettering titles for maps and drawings. Pen and colored topography. Four hours a week throughout the year. Engineering Hall. M. W. 8:30-10:20.

8a. DRAWING (2).—Lectures and practice two afternoons a week throughout the year. Shades, shadows and perspective. Topographical and railroad maps from actual surveys; masonry dams, structural details, and working drawings for designs. Engineering Hall. M. T. 1:30-3:20.

9. MASONRY CONSTRUCTION (2).—Two hours per week, first term. Use of lime and hydraulic cement mortars, stone and brick masonry foundations, foundations in soft materials on land and under water, cofferdams, cribs, and caissons. *Text-book*: Baker's Masonry Construction. Engineering Hall W. Th. 11:15-12:10.

10. ROOFS AND BRIDGES (3).—Four hours per week, first term, three hours, second term. Theory of computation of stresses by both analytical and graphic methods, full computation, designs and bills of material for a roof truss and railroad bridge. *Text-book*: Merriman and Jacoby's Roofs and Bridges, Parts I, II, and III. Engineering Hall. M. T. W. F. 9:25-10:20.

11. SANITARY ENGINEERING (2).—Two hours per week, first term. Calculation and special details of construction of sewers, separate and combined systems of sewerage; purification of sewage; municipal and domestic sanitation. *Text-book*: Folwell's. Engineering Hall. T. F. 8:30-9:25.

12. **TECHNICAL DRAWING** (2).—Lectures and practice, four hours per week throughout the year. Right and oblique arches; drawings for computations of course 10. Engineering Hall. T. W. 1:30-3:20.

13. **WATERWORKS ENGINEERING** (3).—Three hours per week, second term. Study of systems of water supply; collection, purification and distribution of water; location of water-works, with details of estimate of cost; turbines and pumping engines. *Text book:* Folwell's Water Supply Engineering. Engineering Hall. W. Th. F. 9:25-10:20.

14. **ENGINEERING LABORATORY** (2).—Two hours per week, first term. Test of strength and other properties of materials of construction; tensile and crushing tests of brick, stone and cement; flow of water through pipes, elbows, valves and measurement by means of weirs. Engineering Hall. F. 12:40-4:00.

15. **FIELD PRACTICE** (2).—Two hours per week, first and second terms. Topographical survey, triangulation, precise leveling, and practical astronomy. Th. 12:40-4:00.

16. **CONTRACTS AND SPECIFICATIONS** (3).—Elective for Seniors in Engineering. Lectures and recitations three times per week. *Text books:* Johnson's Contracts and Specifications; Went's Engineering and Architectural Jurisprudence. Engineering Hall. M. T. W. 9:25-10:20.

ELECTRICAL ENGINEERING.

W. N. GLADSON, *Professor.*

L. S. OLNEY, *Associate Professor.*

M. F. THOMPSON, *Assistant.*

Two courses of instruction are offered in electrical engineering. The four years' course described on page 71 is intended to afford a good general education, and at the same time to ground the student so thoroughly in the principles of electrical engineering as to furnish a good foundation for the profession.

Theory is amply treated and tested by experiments in well equipped laboratories, thus affording the student a degree of facility in the use of instruments and machines which is ac-

quired only by continued practice. As a requisite for graduation each candidate must present an acceptable thesis, embodying the results of special study. The object of such study must be within the field of electrical engineering. It must be announced not later than the beginning of the second term of the Senior year, and be approved by the professor in charge. The completed thesis must be submitted not later than two weeks before commencement day, and one copy must be deposited in the library as the property of the University.

The short course of two years described on page 84 is designed for students lacking time and preparation for the full course, and is intended especially for those who have had some practical experience in engineering. The work is more elementary than in the long course, embracing only necessary mathematics, which, with mechanics, electrical engineering and laboratory work, gives the student sufficient theory, supplemented by practice, in the shortest possible time.

ELECTRICAL ENGINEERING.

1. ELECTRICAL ENGINEERING (5).—Recitation five times a week throughout the year. On electrical machinery installation and operation; underwriters' rules. *Text-books:* Introduction to the Study of Electrical Engineering, by Norris, and Management of Dynamos and Motors, by Croker and Wheeler. Engineering Hall. M. — F. 3.

MR. THOMPSON.

2. FREEHAND AND MECHANICAL DRAWING (2).—Practice four hours a week, first term; freehand drawing from models and machine parts, lettering, line shading; dimensions, second term, mechanical drawing. Care and use of instruments, copying of mechanical drawings, blue printing, scale drawings from models and machine parts; line shading. *Text books:* Mechanical Drawing, by A. K. Cross. Engineering Hall, 2d floor. M. Th. 6, 7.

ASSOCIATE PROFESSOR OLNEY.

2a. DRAWING (2).—Recitations and practice two hours a week throughout the year. Accurate mechanical drawings from electrical machinery; architectural drawing; perspective; shades and shadows, orthographic projections. *Text books:* Mechan-

ical Drawing, by A. K. Cross, and Handbook of Perspective, by Otto Fuchs. Engineering Hall, 2d floor. M. T. 6, 7.

ASSOCIATE PROFESSOR OLNEY.

3. **TECHNICAL DRAWING (2).**—Lectures and practice two hours a week throughout the year. Working drawing of electrical apparatus; elementary machine design; wiring plans designed by students; specifications and estimates. Engineering Hall, 2d floor. M. T. 6, 7.

PROFESSOR GLADSON.

4. **TECHNICAL DRAWING (2).**—Lectures and practice four hours a week throughout the year; an extension of course 3 and must be preceded by it. Drawings of circuit and machine, electrical calculations, and mechanical designs of electrical machinery; complete power plants designed by student. Engineering Hall, 2d floor. M. T. 6, 7.

PROFESSOR GLADSON.

5. **ELECTRICAL LABORATORY (2).**—One afternoon a week throughout the year. An extended course in magnetic and electrical measurements; current, electro motive force and resistance; use and calibration of instruments; exploration of magnetic fields; testing of direct current dynamos and motors. Engineering Hall, basement. Th. 5, 8.

PROFESSOR GLADSON, ASSOCIATE PROFESSOR OLNEY, and MR THOMPSON.

6. **ELECTRICAL LABORATORY (2).**—One afternoon a week throughout the year. A full experimental course in operating and testing direct and alternate current machines, photometry, transmission, storage and transformation of electric energy. Special courses given suited to the preparation and object of the student. Engineering Hall, 1st floor. F. 5, 8.

PROFESSOR GLADSON, ASSOCIATE PROFESSOR OLNEY.

7. **DYNAMO-ELECTRIC MACHINERY (3).**—Recitations three hours a week throughout the year. Confined chiefly to direct current apparatus, including types of motors, generators, and transformers, designs, calculations, construction, testing and operating. *Text book* Thompson's Dynamo Electric Machinery, Vol. 1. Engineering Hall, 2d floor. M. T. W. 2.

ASSOCIATE PROFESSOR OLNEY.

8. THEORY OF ALTERNATE CURRENTS (3).—Recitations three times a week first term. *Text-book*: Sheldon's Alternate Current Machines, or Elements of Electrical Engineering, Alternating Currents, by Franklin and Estey. Engineering Hall, 1st floor. M. T. W. 1.

PROFESSOR GLADSON.

9. POLYPHASE ELECTRIC CURRENTS (3). Recitations and lectures three times a week second term. *Text-book*: Thompson's Dynamo Electric Machinery. Reference books: Alternating Current Motors, McAlister; Alternate Current Phenomenon, by Steinmetz; and technical journals. Engineering Hall, 1st floor. M. T. W. 1.

PROFESSOR GLADSON.

10. ELECTRIC RAILWAYS (2). Recitations and lectures twice a week, second term. *Text-book*: Electric Railways, by Ashe and Keiley. Engineering Hall, 1st floor. Th. F. 2.

PROFESSOR GLADSON.

11. TELEPHONY AND TELEGRAPHY (2).—Recitations and lectures twice a week throughout the year. *Text-books*: K. B. Miller's American Telephone Practice and American Telegraphy, by Mayer. Engineering Hall, 1st floor. Th. F. 1.

12. ELECTRIC MACHINERY (3).—Recitations three times a week on direct and alternate current dynamos and motors; their application to light, power railway, mining and manufacturing. *Text-books*: Introduction to the Study of Electrical Engineering, by Norris, and Dynamo Electric Machinery, by Franklin and Estey. Engineering Hall, 2d floor. W. Th. F. 1.

ASSOCIATE PROFESSOR OLNEY.

13. POWER STATIONS (2).—Lectures two hours a week, second term. Selection of machinery for power stations; steam, hydraulic, gas, and electrical. Station construction, operation and management. Senior elective.

14. ELECTRIC TRANSMISSION AND DISTRIBUTION (2).—A study of the different methods of electrical power distribution for light, railway or stationary power, long distance transmission. Senior elective.

PROFESSOR GLADSON.

MILITARY DEPARTMENT.**C. F. ARMISTEAD.**

The head of the military department is an officer of the United States Army, detailed by the war department for duty at the University.

All male students over fifteen years of age, not physically disabled, are required to take the practical course in military science, including infantry drill, target practice, guard duty, and various other exercises. This practical course covers the entire period of the students stay at the University.

The act of congress donating public lands for educational purposes requires that institutions which are the beneficiaries of such donations include military science and tactics in their course of instruction.

The system of instruction closely follows that used in the United States Army, but it is not the object of the military department to make soldiers of the students of this University, but through a modified form of military discipline to promote habits of neatness, order, and punctuality.

The cadets are organized into one battalion, composed of field, staff, band, and six companies. The officers and the non-commissioned officers are selected from those cadets who are most proficient in their drill and military studies, and most exemplary in their department. The captains and the lieutenants are taken from the Senior and the Junior classes, and the sergeants and the corporals from the Sophomore class.

Each cadet is required to supply himself with the following articles of uniform clothing:

One (1) blouse.

One (1) pair of trousers.

One (1) cap.

Two (2) pairs of white duck trousers.

Two (2) pairs of white cotton gloves.

Three linen collars.

The contract for supplying the above named articles is let each year by the Board of Trustees to the lowest and best bidder and the goods are delivered to the cadets by the agent of the successful bidder.

The cadet band, of thirty pieces, constitutes an interesting feature of the military organization. It receives the best instruction possible and takes part in all the military ceremonies.

Competitive drills are held at the close of each college year and prizes awarded for proficiency in this department.

The three students of the Senior class having the highest grade of merit in this department are reported to the Secretary of War. The President of the United States in appointing officers from civil life, gives preference to those whose names are so recorded. Cadet officers on graduation are brevetted in the State Guard with the rank held by them in the cadet battalion at the date of their graduation.

The following is prescribed as the minimum course of military instruction, practical and theoretical:

PRACTICE.—Infantry Drill Regulations; Field Service Regulations; Manual of Guard Duty; Firing Regulations for Small Arms.

THEORY.—Instruction shall include the portions of the above subjects covered by the practical instruction, and may be supplemented by lectures. Under the authority of the President of the United States the military department is inspected every year by an army officer specially detailed for this purpose. A copy of the report of inspection is furnished the President of the University by the War Department.

THE COLLEGE OF AGRICULTURE

Fayetteville.

JOHN NEWTON TILLMAN, LL. D.,

President.

WILLIAM GEORGE VINCENHELLER,

Dean.

ROBERT ROBSON DINWIDDIE, M. D., V. S.,

Professor of Animal Husbandry.

ERNEST WALKER, B. S. A.,

Professor of Horticulture.

JOHN HENRY NORTON, B. Agr., B. S., M. S.,

Professor of Agricultural Chemistry.

VICTOR ALBERT HOOPER,

Professor of Dairy Husbandry.

CHARLES FREDERICK ADAMS, B. Agr., A. M., M. D.,

Professor of Entomology.

WILFRED LENTON, V. S.,

Professor of Veterinary Science.

CHRISTIAN PERCIVAL NORGORD, B. S. A.,

Professor of Agronomy.

RUFUS J. NELSON, B. S., M. S.,

Professor of Agriculture.

JOSEPH LEE HEWITT, B. S.,

Adjunct Professor of Horticulture.

CARL H. TOURGEE, B. S. A.,

Adjunct Professor of Dairy Husbandry.

WILFRED S. JACOBS, B. S. A.,

Adjunct Professor of Agronomy.

ALBERT K. SHORT, B. S.,

Adjunct Professor of Animal Husbandry.

Instruction in the College of Agriculture is divided into the following departments:

- ✓ 1. Department of Animal Husbandry.
- ✓ 2. Department of Horticulture.
- ✓ 3. Department of Agricultural Chemistry.

4. Department of Dairy Husbandry.
5. Department of Entomology.
6. Department of Veterinary Science.
7. Department of Agronomy.
8. Department of Agriculture.

The College of Agriculture, while distinct from the other divisions of the University in its buildings and equipment, is closely correlated in its work.

In addition to the regular classes in the College of Agriculture, the students will be admitted to the library, museum, laboratories, and to all lectures and instruction of the University, and to all other rights and privileges granted to other students.

Two courses in agricultural work are offered. They are:

1. **THE COLLEGIATE COURSE** of four years, leading to the degree Bachelor of Science in Agriculture. It is designed to give the student a broad education in the sciences and arts related to agriculture. The work for the first two years is prescribed, the subjects being so chosen as to offer a good foundation for the more specialized work of the junior and senior years. The work in the junior and senior years will consist of ten hours in a major subject, six hours in minor subjects, eight hours in language and English, and eight hours of elective work.

This course is described in detail on pp. 130-1.

2. **A SPECIAL COURSE** of two years for eight weeks each year. This is made up of the most practical of the subjects offered in the four-year course. Necessarily, it does not offer so great opportunities for special work, nor so broad an education; still, it does offer a thoroughly practical and comprehensive treatment of the most important phases of scientific farming.

This course is outlined on pp. 138 *et seq.*

THE COURSE IN AGRICULTURE.

For requirements for admission see p. 40.

The following outline shows, in the work of the first two years, the basis on which specialization in the third and fourth

is to rest. At the beginning of the Junior year each student must choose his major subject. The choice of his language subject, and of his minors, together with the details of his major, will then rest with the professor who has in charge the subject he has chosen as his major.

The major is to be chosen in one of the departments of the College of Agriculture, and it shall include a thesis based upon original research made by him, or upon some subject included in his course of study, or an original report upon some work of agricultural investigation. This thesis must be approved by the faculty, and must be handed to the professor in charge of the major subject, not later than April 1st of the Senior year.

The minor subjects shall be as many as two, and not more than three, and shall be allied to the major.

FRESHMAN YEAR.

FIRST TERM.	Hrs.	||	SECOND TERM.	Hrs.
English (1), T, M, Th 2	3	||	English (1), T, M, Th 2	3
Chemistry (1), M, W, 3, M	3	||	Chemistry (1a), M, W, 3, M	3
5, 6, 7	3	||	5, 6, 7	3
Biology (1), F, 6, T, Th, 3, 4	3	||	Chemistry (1a), T, Th, 1, W	3
Plant Physiol. (1a), W, F, 2	3	||	5, 6, 7	3
Th. 6, 7, 8	3	||	Biology (1), F, 6, T, Th, 3, 4	3
Agriculture (1a), T, Th, F, 1	3	||	Agriculture (2b), M, W, F, 1	3
Animal Husbandry (1a),		||	Animal Husbandry (1b), W,	
M, W, 1	2	||	F, 2	2

SOPHOMORE YEAR.

FIRST TERM.	Hrs.	||	SECOND TERM.	Hrs.
Chemistry (1a), F, Th, 1	2	||	Physics (1), M, W, 3, F, 6, 7, 8	3
Physics (1), M, W, 3, Th	3	||	Physics (1a), F, 1	1
6, 7, 8	3	||	Agricult. Chem. (1b), T, Th, 1	2
Shop Work, W, 5, 6, 7	1	||	Shop Work, W, 5, 6, 7	1
Mechan. Drawing, M, T, 5		||	Horticulture (1b), 1, 1h, F	
6, 7	2	||	3, Th, 6, 7, 8	4
Entomology (1a), T, Th, 2, F	3	||	Dairying (1b), M, T, 2, 6, 7	4
2, 3, 4	3	||	Veterinary Sci. (1), M, 1, S, 2	2
Agroonomy (1a), M, W, F, 2		||		
Th. 5, 6, 7	4	||		
Veterinary Sci. (1), M, 1, S, 2	2	||		

JUNIOR YEAR.	Hrs.	SENIOR YEAR.	Hrs.
English (1a), T. Th. 4.....	2	Modern Language.....	3
Modern Language.....	3	Major.....	5
Major.....	5	Minor.....	3
Minor.....	3	Elective.....	5
Elective.....	3		

THE COURSES IN DETAIL.

It is provided that any subject offered below but not prescribed in the above outline may be withdrawn unless four or more students enroll for it.

Subjects having the letter (a) following the number are offered only in the fall term, those with the letter (b) only in the spring term, and those with no such letter extend throughout the year.

ANIMAL HUSBANDRY.

R. R. DINWIDDIE, *Professor.*

A. K. SHORR, *Adjunct Professor.*

1 (a) BREEDS AND BREEDING OF LIVE STOCK.—Two hours. M. W. 1.

(b) FEEDING, CARE AND HYGIENE OF LIVE STOCK.—Two hours. W. F. 2.

This course is intended to give the Agricultural student a practical knowledge of live stock husbandry as an essential part of general farming. *Required of Freshmen.*

2. STOCK JUDGING.—Practical exercises on the use of the score card in judging the various breeds and classes of farm animals. *Elective.*

3. BREEDING OF REGISTERED STOCK.—A study of pedigrees, of selection in breeding, and of special methods of feeding and care of animals for show purposes. *Elective.*

4. FOLDS AND FEEDING.—Selection and compounding of rations, experimental feeding; rations for beef and pork production, mill feeds, forage and pasture, and their uses in stock feeding. *Elective.*

HORTICULTURE.

ERNEST WALKER, *Professor.*

J. L. HEWITT, *Adjunct Professor.*

Plant Physiology:

1 (a). A study of the subject from the standpoint of the agricultural student. Three hours. W. F. 2; Th. 6, 7, 8. *Required of Freshmen.*

Horticulture:

1. (b) PLANT PROPAGATION AND PLANT GROWING.—The various methods by which plants are propagated. Principles of plant growth. Requirements of growing plants. Forcing. Four hours. T. Th. F. 3, Th. 6, 7, 8. *Required of Sophomores.*

2. (a or b) HORTICULTURAL STRUCTURES AND IMPLEMENTS.—Hot beds; cold frames; pits; greenhouses; other structures, implements of cultivation; packages. Two hours. Elective.

3. (a) FRUIT CULTURE.—Orcharding; viticulture; with reference to varieties and kinds best adapted to the State, cultivation, marketing; insects and diseases, spraying and other methods of control. Elective.

(b) SMALL FRUITS AND VEGETABLE GARDENING.—Bush fruits, strawberries; garden soils, care, insects and diseases; vegetables. Elective.

4. SPECIAL WORK AND PRACTICE.—Technical study and handicraft for advanced students. The work will be arranged to suit the needs of the student. Elective.

5. (a) HORTICULTURAL LITERATURE.—Elective.

(b) SPECIAL STUDIES AND REPORTS.—This, with 5 (a), is intended to supplement 4. It should be taken only in connection with 4. Elective.

6. (a) FORESTRY.—An elementary course of lectures, either for a general knowledge of the subject, or as an introduction to more advanced work. Two hours. Elective.

(b) LANDSCAPE GARDENING.—A general consideration of the subject from the standpoint of its bearing upon the home grounds. For more technical work, 4 may be taken. Two hours. Elective.

7. (a) GREENHOUSE METHODS AND FORCING.—Principles of greenhouse management; temperature, watering, forcing of vegetables and flowers; pollination. Two hours. Elective.

8. FRUIT TREES.—Detailed study of important greenhouse flowers, commercial floriculture. Two hours. Elective.

9. THESIS.—Experiment station work. *Required of Seniors and Horticulture majors.* Hours to be arranged. Elective.

10. (a) COMMERCIAL HORTICULTURE.—A study of markets and the marketing of fruits; storing, transportation, packing, accounting. Two hours. Elective.

(b) EVOLUTION OF CULTIVATED PLANTS AND PLANT BREEDING.—A historical sketch of the important fruits; principles of plant breeding; hybrids; selection; variation. Elective.

AGRICULTURAL CHEMISTRY.

J. H. NORTON, *Professor.*

1. (b) AGRICULTURAL CHEMISTRY.—This course will consist of the chemistry of plant and animal life. Two hours. T. Th. 1; *Required of Sophomores.*

2. AGRICULTURAL CHEMISTRY.—This course will consist of lectures and laboratory work on fertilizers, soils, inorganic plant products, insecticides and fungicides, tannin materials, foods and feeding stuffs, cattle foods, cereal foods, canned vegetables, vegetable products, sugarhouse methods, fruits and fruit products, wine, beer, distilled liquors, vinegar, meat and meat products, dairy products, edible fats and oils, cocoa, tea, coffee, coloring extracts, spices, condiments other than spices, baking powder and baking powder chemicals, food preservatives, coloring matter and dyes. Any or all of this course is elective, with hours to be arranged.

DAIRYING.

V. A. HOOPER, *Professor.*

C. H. TORCEE, *Adjunct Professor.*

1. (a) DAIRYING.—The composition of milk; methods of handling for butter and cheese making; condenseries; city supply; milk testing, butter making. Two laboratory and two reci-

tation periods: per week M T 2, 6 and 7 Four hours. *Required of Sophomores.*

2. (a) **DAIRY CATTLE.**—The origin, history and characteristics of the dairy breeds; tabulating pedigrees; the advanced registry of each breed; the value and method of making of fical records; practice in judging according to breed standards. Three hours. Elective.

3. (b) **THE DAIRY HERD.**—The formation, feeding and management of the dairy herd. Establishment of grade herds by selection and grading up with pure bred sires; establishment of pure bred herds; compounding rations; economical methods of summer and winter feeding; herd improvement by selection, breeding and testing; constructing dairy barns. Three hours. Elective.

4. (a) **CITY MILK SUPPLY.**—The value of milk as a food; the production and control of market milk; prevention of contamination; pasteurizing, bottling and delivering milk; certified, modified, pasteurized and standardized milk. Two hours. Elective.

5. (a) **MILK TESTING.**—A thorough study of the Babcock test for all dairy products; the tests for the acidity of the milk; the lactometer and the detection of adulterations. Three hours. Elective.

6. (a) **BUTTER MAKING.**—The composition of milk and butter; separation of milk by gravity and centrifugal force; pasteurization; the use of different kinds of pure cultures; cream ripening; churning; working, pressing, packing and marketing butter. Five hours. Elective.

7. (b) **CHEDDAR CHEESE.**—Practice in selecting, ripening, and setting milk; cutting, cooking, and dipping the curd; milling and salting curds; curing and marketing cheese. Five hours. Elective.

8. (a) **FACTORY MANAGEMENT.**—A special study of the problems in the manufacture of cheese and butter; the management of cheese factories and creameries under co-operative companies; locating, building, and equipping plants; methods of

paying patron's factory accounting; marketing products. Four hours. Elective.

9. (b) SCORING BUTTER AND CHEESE.—Lectures and practice in judging butter and cheese. One hour. Elective.

10. INVESTIGATION AND THESIS.—Experiment Station work in dairying. Thesis subject as arranged.

ENTOMOLOGY.

C. F. ADAMS, *Professor*.

1. (a) GENERAL ENTOMOLOGY.—Lectures and laboratory work on external physiology, metamorphosis, classification and habits of insects. Special attention is given to the economic relations of insects to agriculture and horticulture. Inspection and control of control including machines and insecticides, are considered. Two recitations and three hours laboratory per week. T. Th. 2, F. 2, 3, 4. *Required of Sophomores*.

2. (a) ADVANCED ENTOMOLOGY.—A course in insect morphology. Lectures and laboratory work on gross and minute anatomy, physiology, embryology and taxonomy. Must be preceded by course 1. Three hours. Elective.

3. SYSTEMATIC ENTOMOLOGY.—Mostly laboratory work on classification of the Hexapods. Course 1 is required and course 2 is desirable as prerequisite. The nature of the work will depend somewhat on the preparation of the student. He will be given the privilege of selecting any group for special study. Three hours. Elective.

4. ADVANCED ECONOMIC ENTOMOLOGY.—Mostly laboratory work on beneficial and injurious insects. The student is expected to make use of the available literature in his studies of the various economic problems. Three hours. Elective.

5. INSECT BINOMICS.—Lectures and demonstrations on variation, distribution, biogeography, history, development of color patterns and phylogeny of insects. Must be preceded by courses 1 and 2. Three hours. Elective.

6. RESEARCH.—Work given for the special student. After he has selected his special problem, the student is expected to carry on his studies under the direction only of the head of

the department. *Prerequisites depend on the nature of the problem.* Three hours. Elective.

VETERINARY SCIENCE.

WILFRED LENTON, *Professor.*

1. VETERINARY SCIENCE.—This course comprises a general outline of veterinary anatomy and physiology, diseases of animals and their treatment, and simple surgery. Two hours. M. 1, S. 2. *Required of Sophomores.*

2. VETERINARY SCIENCE.—This course consists of anatomy and physiology of the domesticated animals; dentition and the determination of age by the teeth; lameness—its causes, prevention and cure; ventilation and disinfection; contagious diseases and diseased processes; methods of restraint and anesthetics; surgery.

Any or all of this course is elective. Hours to be determined.

AGRONOMY.

C. P. NORGORD, *Professor.*

W. S. JACOBS, *Adjunct Professor.*

Agronomy is the science of the field, the soil and its crops. The study of the soil is conducted from the standpoint of the fundamental principles of the management of soils for crop production and to afford opportunity for special study in particular fields of the subject.

The study of crops is conducted from the standpoint of the fundamental, biological, and physiological principles underlying the growth, adaptation and improvement of plants and economic and business management of the field and its crop.

1. (a) SOIL PHYSICS.—This course comprises a study of the origin, formation and classification of soils, soil temperature and conditions influencing it; soil moisture and the methods of conserving it; surface tension, and capillarity, as related to the soil and plant, methods of plowing, harrowing, cultivating and rolling as related to the various kinds of soil and crops; washing of soils and prevention of same; cultivation and drainage as affecting soil moisture, temperature,

root development, and the supply of available plant food. Mechanical analysis of soils by the centrifugal method; determination of porosity, capillary power and water holding capacity of different soils. The study of mulches and their relation to moisture, and the physical effect of crop rotations. Three hours. M. W. F. 2, Th. 5, 6, 7. *Required of Sophomores.*

2. (b) FARM CROPS.—This course embraces a study of the principal farm crops with methods of seeding, harvesting, storing, cleaning, selecting and testing; the principles of plant breeding with special reference to the improvement of field crops; weeds and weed seeds; grain, corn and cotton judging. Elective.

3. (a) SOIL MANAGEMENT.—Soil fertility and the maintenance of the same. Sources of commercial fertilizers, mixing of commercial, farm manures, fertilization of crops, green manuring, soil bacteria, rotation of crops, and the study of the effect of the different crops on the fertility of the soil, farm management with reference to the application of systems of rotations, irrigation and drainage including a large amount of field work and drawing of plans. Elective.

4. THESIS WORK.

AGRICULTURE.

R. J. NELSON, *Professor.*

1. (a) AGRICULTURE.—This course is designed to give the student a general knowledge of the different fields of agriculture, to enable him to choose intelligently the subject in which he intends to specialize. The first term will be devoted to soils and crops. Three hours. T Th. F. 1. *Required of Freshmen.*

2. (b) AGRICULTURE. Farm animals, breeds and breed history, purposes and adaptations of each; feed and care of same. Three hours. M. W. F. 1. *Required of Freshmen.*

3. (a) RURAL ECONOMICS. A study of land values, rents; labor, management; storing, transporting and marketing of farm products. A text book will be selected. Two hours. Elective.

4. (a) BOOKKEEPING AND FARM ACCOUNTS.—Business forms and commercial law as applied to farm transactions. Required of preparatory students; elective for all others. Two hours.

5. (b) FARM MECHANICS.—Rural architecture; general arrangement and laying out of barns; farm machinery; care, use and adaptation of different tools. Two hours. Elective.

Normal Course in Agriculture.

This course is designed to meet the needs of the teachers preparing to teach agriculture in the public schools.

1. (a) HORTICULTURE.—A study of plants in relation to agriculture; identification of weeds and weed seed; methods of eradication; propagation of the common plants of the farm and garden; budding, grafting and pruning. Two hours. M. W. 3. *Required of Normal Students.*

2. (b) SOILS.—Their classification and management; methods of cultivation and fertilization. Farm crops, including a study of the various kinds of crops; cultivation and care of same; judging and testing seeds; study of breeds, their adaptation to various purposes; feed and care of farm animals. Two hours. M. W. 3. *Required of Normal students.*

3. (b) SCHOOL GARDENING.—A practical course in ornamental and vegetable gardening. Hours to be arranged. *Required of Normal students.*

SPECIAL COURSE.

This course, as pointed out before, is practical in its nature, and is made up largely of work chosen from the larger course with this point in view. *Students will be admitted at the discretion of the professor in charge of classification.*

The following is an outline of the two years' course:

FIRST YEAR.

Sixteen lectures and demonstrations on the breeding, feeding, and hygiene of farm animals, with demonstrations of breed characteristics on the college stock. By DR. DINWIDDIE and MR. SHORT.

Fourteen lectures, with demonstrations, on the care, cultivation, and pruning of orchards and the growing of small fruits and vegetables. By PROFESSOR WALKER and MR. HEWITT.

Twenty-four lectures and recitations, with an appropriate text book, on soils and fertilizers. By PROFESSOR NORTON.

Fourteen lectures on milk, its secretion and composition, conditions and causes influencing the quality and quantity of milk. Producing and handling of milk for market, creameries, cheese, and factories, together with laboratory work in separating, butter making, and milk testing. By PROFESSOR HOOPER and MR. TOURGEE.

Twenty-four lectures on General Entomology, the structure, life history, habits, classification, and distribution of insects. By DR. ADAMS.

Fifteen lectures on lameness of the horse, its causes, prevention and cure, the teeth of animals and common ailments, with practical work on methods of restraint and dental surgery. By DR. LENTON.

Fourteen lectures on cereals, grasses, weed eradicators and identification, with laboratory work on the judging of cotton, corn, and the grasses. By PROFESSOR NORGORD and MR. JACOBS.

SECOND YEAR.

Fourteen lectures and demonstrations on the breeds of live stock, stock judging, methods of feeding. DR. DINWIDDIE and MR. SHORT.

Fourteen lectures on the orchard, care and cultivation, and kindred subjects. By PROFESSOR WALKER and MR. HEWITT.

Twenty-four lectures and recitations, with an appropriate text book on foods and feeding stuffs. By PROFESSOR NORTON.

Fourteen lectures on the breeds of dairy cattle; the formation, breeding, feeding and management of the dairy herd; barns and soils, soiling crops, dairy farm management, with laboratory work in separating milk, butter making, and milk testing. By PROFESSOR HOOPER and MR. TOURGEE.

Twenty-four lectures on the most important, beneficial, and injurious insects, methods of prevention and eradication. By DR. ADAMS.

Fifteen lectures on contagious diseases of animals in Arkansas, with laboratory work on dental and minor surgical operations. By DR. LENTON.

Fourteen lectures on soil formation and soil management; the maintainance of soil fertility and moisture and drainage, with laboratory work. By PROFESSOR NOEGORD and MR JACOBS.

THE CONSERVATORY OF MUSIC AND ART

Fayetteville.

JOHN NEWTON TILLMAN, LL. D.,
President.

*HAZEL ARCHER YATES, DIRECTOR,
Piano and Violin.

†HENRY DOUGHTY TOVEY, DIRECTOR,
Piano, Organ, Theory and History of Music.

FRANK BARR,
Band Instruments.

WILLIE VANDEVENTER CROCKETT,
Ellection.

MARY CUMMINGS BATEMAN,
Voice Culture.

ELIZABETH GALBRAITH,
Art.

MARTHA H. WHITE,
Physical Culture.

KATIE DEE COOKE,
Violin.

PURPOSE.

The fundamental idea of the management has been to make the Conservatory of Music and Art complete and thorough in every respect, and to advance the pupils rapidly, yet carefully. In other words, the standard of efficiency must be so high that a certificate of study and ability granted here will possess a value recognized far and wide, and that pupils will choose to study here in preference to going to the great cities.

TUITION.

One term (18 weeks) two lessons per week,
Piano or Organ,\$22.50

*To June, 1908.

†From September, 1908.

Voice, Violin, band instruments.....	\$22.50
Harmony (in class).....	5.00
Musical History (in class).....	5.00
Use of pianoforte for practice one hour daily, etc..	2.50

All students are required to matriculate with the secretary of the University. The music and art students will pay the regular matriculation fee of ten dollars in addition to their tuition.

The tuition is based upon a term of eighteen weeks, except when otherwise stated, and these rates do not apply for a less period. Tuition must be paid at the beginning of the term and receipt presented before taking lessons.

RULES AND REGULATIONS.

All arrangements must be made at the director's office (University Hall, room 26.) The tuition is payable strictly in advance; if it is paid later, a higher rate is charged. Pupils may enter at any time, but will not be accepted for less than one term of eighteen weeks. No deduction can be made for lessons missed by the pupil, but such lessons may be made up within the term. Pupils are not allowed to take part in public entertainments without the knowledge and consent of the director. For further information, address the director.

SPECIAL ADVANTAGES OF CONSERVATORY INSTRUCTION.

Aside from the opportunity of instruction by teachers of recognized ability, the advantages of conservatory over private instruction are so manifest that we deem it hardly necessary to enumerate the many points in its favor.

It is almost impossible for the private teacher to give the required attention to the different instrumental branches, as well as the theoretical, such as harmony, counterpoint, composition, ear training, etc., which are absolutely essential to a thorough musical training; at the same time, the lectures on musical history, the public recitals, as well as the close association of a large number of earnest students, create a certain

musical atmosphere which is a great aid and stimulus to increased efforts on the part of pupils.

RECITALS.

Especial attention is called to the recitals of both student and faculty, of which a number are given each year, and which have won a reputation for artistic excellence. The advantage derived from these can not be overestimated.

At the pupils' recitals, which are given at regular intervals, all students are privileged and expected to appear as their talents and advancement may warrant. Not only does this offer them a greater incentive to put forth their best efforts, but it helps them to overcome the nervousness which often mars the performance of students who have not the opportunity of performing frequently before an audience. The recitals given by members of the faculty have attracted especial attention, and, needless to say, are a further aid and attraction to pupils.

ORCHESTRA.

Students of the violin and other orchestral instruments will, as soon as possible, be admitted to membership in the University orchestra, which takes part in all recitals and concerts. This practice is a decided advantage, as well as a source of pleasure to the student. Students derive great benefit from the orchestral and chorus practice, which is free to all students of the University. The work of the pupils in these branches has elicited the highest commendation.

PIANO.

COURSE OF INSTRUCTION.—It has not been deemed advisable to adopt any set of studies to be used arbitrarily, but rather to select a course to suit the needs of the individual pupil. A general outline of the plan of study will, however, be given. Exercises without notes are used for the purpose of acquiring control over positions and motions, firmness, pliability and elasticity. The aim is to develop the student's power of musical conception; to gain control over all technical resources; and finally, to adapt these resources to artistic ends.

COURSES OF STUDY.

PREPARATORY GRADE. -National Graded Course, Books 1 and 2. Simple exercises for finger and wrist development, major scales, broken chords and arpeggios. Sonatinas by Diabelli, Clementi, Kuhlau, Lachner; studies from Koehler, Biehl, Loeschorn, Czerny, Gurlitt; Salon pieces; preparatory octave work. Special care will be taken in this elementary instruction as herein lies the foundation of the future pianist.

Pupils passing from the Preparatory to the Intermediate Grade must first pass a written examination in the rudiments of music and be able to play the Major scales at a speed of 448 notes to the minute.

INTERMEDIATE GRADE.

Selected techniques from Tausig, Krauss, Heller, Loeschorn Op. 66; Czerny, Op. 200; Sonatas by Mozart, Haydn, Beethoven, Mendelssohn's Songs without words; Smith's and Low's Octave Studies, duets for piano, and for piano and violin; Bach's Little Preludes and Fugues.

In passing from the Intermediate to the Advanced grade, pupils must be able to play Major and Minor Scales, similar and contrary motion, at 528 notes to the minute.

Arpeggios, Major and Minor, 480 notes to the minute.

Octaves, 320 notes to the minute.

ADVANCED GRADE.

Extended scales in various accents; diminished and dominant seventh arpeggios; Etudes from Czerny, Op. 740; Heller, Op. 45, Cramer; Clementi Gradus ad Parnassum; Kullak Octave studies, Bach, Suites, Preludes and Fugues; Chopin, Op. 10 and 25, Valses, Nocturnes, Polonaises, Preludes; Beethoven Sonatas; pieces by Mendelssohn, Schumann, Schubert, Liszt, Grieg, MacDowell and other composers, classic and modern.

Pupils of the Advanced Grade who have obtained the required proficiency may be considered candidates for the Degree of Bachelor of Music, and will be ranked as Seniors.

PIANO PRACTICE.

Pupils can arrange at a very moderate expense to do their daily practicing at the University, in case this should prove desirable.

PIPE ORGAN.

The aim of this department is to fit pupils for holding church positions. To any one expecting to make music a profession, the knowledge of organ playing will be found to be especially helpful.

The preliminary Organ work is based on Ritter's Organ School and Thayer's Pedal Studies. Then follow, Buck's Studies in Pedal Phrasing, Bach's Little Preludes and Fugues, and selections from the best composers for Organ, such as, Guilman, Lemare, Tours, Hollins, Rheinberger and others.

VIOLIN.

The violin is by many considered the most difficult of instruments and requires careful and conscientious study. Much depends on the beginning. Often a pupil begins study with an inexperienced teacher, or one who does not concentrate his attention on this one most difficult instrument, and consequently falls into bad habits of position, bowing, or technique, that make advancement difficult, and are in many cases almost impossible to overcome. The pupil is taken from the beginning and carefully brought through the most difficult phases of the violin. In addition to his exercises, he is, as soon as possible, given pieces within his capacity.

The course of study includes the following: Maza's Practical Method for the Violin; De Beriot's Violin School; Kayser's 36 Etudes, op. 20; Maza's Etudes, op. 38; Rud. Kreutzer's Etudes; P. Rodes' 24 Caprices; pieces by Dancala; De Beriot; J. Weiss; Musim; David; J. Hubay.

BAND INSTRUMENTS.

Students of band instruments may, as soon as is practicable, be admitted to membership in the University band, which is under the direction of an experienced bandmaster.

VOICE CULTURE.

In this branch special stress is laid on the control of the breath, accuracy of tone, and distinct articulation; next, the development of mind, body, and voice, co-operatively. There is study of intervals, scale building, sight reading. As early as practicable the student is trained in phrasing. Musical expression is artistically developed in harmony with the individuality of the pupil. The exercises used are those best adapted to the needs of the pupil. Songs of the best American, English, German, Italian and French composers are used according to the progress of the pupil. There is study of opera and oratorio.

HARMONY. (FOUR TERMS.)

FIRST TERM. Keys, scales and signatures; intervals; formation of the triad, chord connection; simple part writing; chords of the seventh and their inversions; altered and augmented chords.

SECOND TERM. Modulation.

THIRD TERM. Modulation continued, suspensions; passing chords; unharmonic notes; organ point; harmonizing melodies begun.

FOURTH TERM. Keyboard work; playing from figured basses, harmonizing melodies; double chants and chorals, playing from figured basses and melodies. *Text book* Stephen A. Emery's Harmony, Kreb's Manual of Modulation.

SIGHT READING.

All music pupils will be given practice in sight reading, which will be a great aid in their regular work.

TEACHERS' COURSE.

Those desiring to become teachers will be given special preparation when they are sufficiently advanced in their branches.

MUSICAL COURSE.

FIRST TERM. General history, development and influence of music among ancient peoples. Early Christian music. Poly-

phonic music. Rise of dramatic and instrumental music. Development of the different musical instruments.

SECOND TERM.—Development of the Opera and the Oratorio. The Romanticists. Modern Music and Musicians.

Text Books.—Filmore's and Mathew's.

CERTIFICATES.

In replying to the many inquiries regarding the period of study required for graduation, it must be said that it is difficult to answer this question, as all depends upon the ability and application of the student. Some will accomplish in one year what it takes others two or three times as long to complete. The term varies from four to six years. A graduate must be able to give acceptably a recital in the chosen branch, besides passing examinations in harmony, and the history of music. Diplomas are conferred upon graduates. On request, certificates are issued to those finishing a portion of the whole course. As the standard set in this department is that required by the best conservatories of the country, a certificate obtained under these conditions has a meaning.

A fee of five dollars is charged for the diploma of Bachelor of Music.

REQUIREMENTS FOR GRADUATION.

Four Years English.

United States History.

Four years Foreign Language.

Greek and Roman History.

Four Years Elective.

Two years Harmony.

One year History of Music.

Music students not desiring to graduate, but merely to accomplish a specified amount of musical work, may have a special course laid out according to their individual needs. Certificates stating just what they have had will be given them upon request.

Only in exceptional cases will a student be allowed to graduate after but one year in the Conservatory of the Univer-

sity of Arkansas, and that only when the previous training has been of the best and the pupil shows natural ability of a high order.

SELECTIONS FROM MR. TOVEY'S REPERTOIRE.

Concertos—

- Concerto in A minor, Grieg.
- Concerto in D. minor, Rubinstein.
- Concerto in D minor, MacDowell.
- Concerto in G minor, Schuett.
- Concerto in G minor, Saint-Saens.
- Concerto in G major, Tschaikowsky.

Beethoven Sonatas.

Grieg—

- Sonata in G minor.
- Sonata for piano and violin in G.
- Sonata for piano and violin in C minor.
- Sonata for piano and violin in F.

Caesar Franck Sonata for piano and violin.

Schumann Sonata in G minor.

Chopin Waltzes—

- Mazurkas.
- Polonaises.
- Nocturnes.
- Etudes.
- Preludes.
- Ballade in A flat.
- Ballade in G minor.

Suite Fantastica—Bargeil.

Bendel—By Moonlight.

Brahms-Bendell—Improvisation on the Lullaby.

Brahms—Intermezzi.

Dussek—Sonata.

Dvorak—On the Holy Mount.

Godard—

- Cavalier Fantastic.
- Pan's Flute.
- Shepherd and Shepherdess.
- En Route.

Grieg—

- Impressions. (6.)
- 4 Tone pictures.
- 3 Humoresques.
- 14 lyric pieces.
- Norwegian Bridal Procession.
- 2 Norwegian Dances.
- Berceuse.
- I love Thee.
- Butterfly.
- Spring Song.
- Morning.
- Ballade in G minor.
- Wedding Day.
- Minuet.

Haberbier—Etude.

Henselt—

- Were I a Bird.
- Ave Maria.
- Spring Song.

Hollander—March.

Jensen—Murmuring Zephyrs.

Klein—Secret of Love.

Krzyzanowski—Nocturne.

Lavalee—Butterfly.

Leschetizky—

- Arabesque.
- Intermezzo.
- Sextette from Lucia (for left hand alone.)

Leebling—

- Spring Song.
- Serenade.
- Waltz Poetique.

Liszt—

- Liebestraum.
- Du bist die Ruh (Schubert.)
- Faust Waltz (Gounod.)

Spinning Song from the Flying Dutchman (Wagner)

Spring Night (Schumann.)

Hark, Hark the Lark (Schubert.)

Serenade (Schubert.)

Eglogue.

Elsa's Bridal Procession (Wagner.)

Elsa's Dream (Wagner.)

Lohengrin's Reproof (Wagner.)

Polonaise in E.

Rhapsodie No. 6.

Rhapsodie No. 12.

Rigoletto Paraphrase (Verdi.)

The Nightingale (Alabieff.)

Tannhauser March.

Widmung (Schumann.)

Mason—At the Spring.

Massanet—Melody.

Moskowski—

Serenade.

Cradle Song.

Spanish Caprice.

Nicode—Tarantelle.

Paderewski—

Love Song.

Chant de Voyager.

Scarlati Caprice.

Poldini—

Doll's Waltz.

March Mignonne.

Rachmaninoff—

Prelude.

Polickinelle.

Raff—

Lorelei.

Spinning Song.

Étude Melodique.

Rubinstein—

Kammenoi-Ostrow.
Etude on False Notes.
Barcarolle in F minor.
Barcarolle in G minor.
Impromptu.

Schumann—

Soaring.
Epilogue.
Arabesque.
Symphonic Etudes.
Novellette in F.
Novellette in F sharp minor.
Nocturne.
Romance.

Schuett—

Waltz.
Caprice.

Seeboeck—Minuet.

Sinding—

March Grotesque.
Rustle of Spring.

Soderman—Swedish Wedding March.

Strauss Schulz-Evler—Blue Danube Waltzes.

Tschaikowsky—

Humoreske.
Berceuse.
Invitation to a Trepak.
June.

Wieniawski—Waltz.

Olsen—Serenade.

Chaminade—Autumn.

Sauer—Galop.

Richard Strauss—

Traumeri.
By a Wood Path.

Elgar—Salut d'amour.

Chopin—Ferratta—Waltz Op. 64 No. 1.

Backer-Grondahl—Summer.

Coleridge-Taylor—

2 Humereskes.

Moorish Tone Picture.

Dvorak—Humereske.

Grieg—Erotik.

Wagner—Album Leaf.

Dubois—Rigaudon.

Liszt—March to the Sea.

Saran—Fantasie.

Cervantes—Cuban Dances.

Chaminade—Ritournelle.

MacDowell—

From a Wandering Iceberg.
Song.

An Old Garden.

Mid-Summer.

In Deep Woods.

Indian Idyle.

Prelude and Fugue in D minor.

Tragic Sonata.

A Tale.

March.

Idyl in B flat.

Idyl in A.

Hunting Song.

The Eagle.

Moonlight.

Winter.

Scotch Poem.

Humoreske.

To A Wild Rose.

A Deserted Farm.

In Autumn.

Indian Lodge.
 To a Water Lily.
 By a Meadow Brook.
 At an old Trysting Place.

For Two Pianos.

Chaminade—
 At Morning.
 At Evening.
 Serenade.
 Andante and Scherzetto.
 Saint-Saens—Dance of Death.
 Schumann—Andante and Variations.
 Grieg—Theme and Variations.
 Schytte—**Festival March.**
 Saint-Saens—Variations on a Beethoven Theme.
 Raff—Gavotte and Musette.
 Dvorak—Slavonic Dance.
 Mozart—Two Minuets.
 Chabrier—Spanish Rhapsody.
 Impromptu Rococo—Schuett.
 Jensen—Wedding Music.
 Schuett—Paraphrase on the Chopin Waltz Op. 64 No. 1.
 Mozart-Grieg—
 Sonata in F major.
 Sonata in C major.
 Hollander—Theme and Variations.

LIST OF VOCAL MUSIC USED.

FRESHMAN.

Marchesi's Individual Exercises.
 Panofka's Vocalises; op. 85.
 Studies for sight-reading and easy songs.
 Piano lessons for accompaniment playing.

SOPHOMORE.

Marchesi's Individual Exercises.

Panofka's Vocalises; op. 81.

Concone's Vocalises; op. 12.

Studies for sight reading and songs of second grade.

Piano lessons for accompaniment.

JUNIOR.

Marchesi's Individual Exercises.

Sieber's Vocalises; op. 94.

Concone's lessons op. 17, and songs of some difficulty, including oratorio.

Harmony (Dr. Stainer's).

SENIOR.

Lamperti's studies in bravura.

Oratorio and operatic arias, and difficult songs in English.

French, German and Italian.

Harmony completed.

History of Music.

ELOCUTION.

WILLIE VANDEVENTER-CROCKETT, *Instructor.*

1. The work comprehends all that relates to the study and the teaching of the fine art of public reading, the understanding of the relation of art to life; the study of the interpretative forms of literature and the careful training of all the faculties and agents necessary to the artistic translation of these forms back to life. The process of instruction founded upon recognized principles of art and life is revelatory and self-discovering, rather than arbitrary and academic.

The imagination is cultivated, the emotional nature is developed and controlled, and the will is strengthened by learning to follow a train of thought. The effects are naturalness, directness and repose.

2. Daily training in vocal expression, philosophy of expression, psychology of expressive movement (gesture), impersona-

tion, public reading, oratory, drama, rendering of Shaksperian texts and caricature, study of literary masterpieces for interpretation, training of the speaking voice, the voice treated as an instrument. The object of the training is to free and develop this instrument and render it obedient and responsive to thought and emotion.

Lectures on the physiology and hygiene of the voice, and the relation of the vital organs to the vocal; the fundamental principles of voice production and its relations to the nervous system; deep and rhythmic breathing; placing of tones; projection of tones; development of resonance, flexibility, freedom, smoothness, purity, power and brilliancy of tone; voice as an interpreter of mental states and its relation to imagination and feeling, overcoming individual defects in vocal organs; clear articulation and perfect enunciation.

3. *Oratory*.—A study and delivery of some of the great orations and the methods adopted by the leading orators; Bible and hymn reading; practice in the laws that govern universal art as applied to oratory and original speeches.

4. The chief aim of the work is to awaken the student; to free him from constrained, limited and erroneous habits of thought, action and voice; to open his avenues of impression; to quicken his imagination and to give him knowledge and control of his agents of expression, to lead the student into a knowledge and understanding of the interpretative forms of literature, the poem, the story, the oration, the caricature, the play; to develop his emotional response to his thought and to train him to control his emotions by his artistic judgment.

Text-books used are Townsend Southwick's *Elocution and Action*, Steps to Oratory, Genevieve Stebbins Astley's *Physical Culture*, Studies of Literary Masterpieces, Shakspeare's plays.

PHYSICAL CULTURE.

MARTHA H. WHITE, *Instructor*.

1. *Gymnastics*. The aim of this work is to develop the body symmetrically, and to produce a normal condition as a basis for health and grace.

Work with gymnasium apparatus: drill with wands, dumb bells, bars, Indian clubs, "setting-up exercises," marches and fancy steps; gymnasium games, including basket ball; exercises adapted to overcome individual defects; rhythmic drills given to break lines of limitation and awkward appearance in the body.

The Delsarte system of physical culture and other systems, as the Swedish and the Ralston, are used as the individual needs of the pupils require.

2. *Gesture.* The principles of Delsarte are used. The mind is developed to think intelligently on a subject, thereby causing the body to respond properly as an aid to this expression. Right concepts are inculcated and proper physical drill is given to develop the whole body harmoniously. The aim sought in gesture and bodily expression is truthfulness, completeness, unity, and intensity of expression with individuality and originality.

The pupils are taught to analyze all gestural movements and to detect any false movement and the psychological state that caused it. By this method, after the pupil is trained, false bodily expression in rendering is as impossible as false sound in vocal expression.

3. *Lectures.* These are given on etiquette, morals, manners, laws of hygiene, hygienic dress, æsthetic and artistic culture as revealed by nature and art, and the relationship of nature and art.

ART.

ELIZABETH GALBRAITH, *Instructor.*

Two courses of instruction are offered in this department. A short course of one year is designed for the needs of normal students wishing to teach drawing and color work in the public schools. Its aim is to make skillful workers in free hand and mechanical drawing and good teachers of these subjects. The time has come when the regular teacher must know how to draw to do the best teaching, and all normal students will be required to take instruction in drawing before gradua-

tion. The use of the Prang Text Books is taught. Through this series there is a definite, logical progression, fitting students for teaching in the city schools.

Another course aims first at a mastery of the fundamental principles of art and the application of these principles in production. With this end in view the work is divided into a four years' course, as follows:

FIRST YEAR—Simple free hand perspective with light and shade, drawing of familiar objects and from casts in charcoal and water colors. Composition.

SECOND YEAR—Drawing from casts, sketching from life, still life painting in oil and water colors. Composition. History of art.

THIRD YEAR—Drawing from life, painting from life in oil, water color and pastel, sketching from nature. Composition. History of art.

FOURTH YEAR—This year's work is practically the same as the third year, more independence being required.

Students are required throughout the course to bring up one original composition each week and to sketch from pose three hours a week.

THE PREPARATORY SCHOOL

Fayetteville.

JOHN NEWTON TILLMAN, LL. D.,

President.

WILLIAM ALLEN RAMSEY, B. S., PRINCIPAL,

Instructor in Mathematics.

NAOMI JOSEPHINE WILLIAMS, M. A.,

Instructor in Latin and History.

MARY ANNE DAVIS,

Instructor in English and History.

ROBERT EDWARD PHILBECK, B. A.,

Instructor in Mathematics.

ELIZABETH WALKER JORDAN, B. S.,

Instructor in English.

WILLIAM FREDERICK WELTY, B. A.,

Instructor in Mathematics.

ROWENA McCORD GALLOWAY, B. A.,

Instructor in English and Latin.

SIDNEY ARCHER ROWLAND, JR., B. A.,

Instructor in Mathematics.

SARAH BASIMA TRENT, B. L. L.,

Instructor in English and History.

SAMUEL W. MOORE,

Instructor in English and History.

ANDREW JACKSON THOMAS,

Instructor in Mathematics.

ERWIN HENRY SHINN,

Instructor in Mathematics.

JESSE ISAAC JANES,

Instructor in Latin.

NOTE.—Students entering after the session has begun will be examined also in the work passed over by their class. Students who hold first grade teachers' licenses and who have had experience in teaching will be admitted, without examination, to the second year class in the subjects covered by the licenses. Other grades of teachers' licenses and certificates of work done in other schools will be recognized to some extent in classifying students. A student should always bring with him all report cards and certificates of school work.

*The faculty has recommended to the Board of Trustees that the First Year class be discontinued after the session of 1908-9; and that the entire Department be discontinued as soon as the condition of the secondary schools of the State justifies it.

Instruction in German, civics, physics, pedagogy, wood-working, forging, drawing, agriculture, art and music is given by collegiate instructors.

As the name implies, this school is maintained for the purpose of preparing students for admission to the Freshman class in any course in the University. With this purpose in view, the courses have been arranged, and instruction is given accordingly. While, incidentally, it serves to furnish secondary training to many who have poor or no high school advantages at home, and who do not wish to pursue a collegiate course, still no special course is arranged for them. The course preparatory to the University normal course also prepares for teaching in the public schools of the state, and the professor of that department offers a special short course for teachers who do not desire to take the full normal course. Most of this work is done in the Preparatory School, as is all the work of the first two years in the L. I. course.

Students seeking to enter the Preparatory School should be thoroughly prepared for examination in the subjects required for admission to the class to which they seek entrance.

REQUIREMENTS FOR ADMISSION TO THE FIRST YEAR CLASS.

Students desiring to enter the first year class will be examined in the following:

1. *Mathematics.* Thorough and accurate knowledge of the whole of common school arithmetic, elementary algebra.

2. *English Grammar.* The fundamental principles of English grammar and composition.

3. *United States History.* The leading facts in American History.

4. *Geography.* The whole of some complete manual of geography.

5. *Spelling and Writing.* Proficiency in these subjects is tested by the examination papers.

REQUIREMENTS FOR ADMISSION TO THE SECOND YEAR CLASS.

Students desiring to enter the second year class will be examined upon the following:

1. *Arithmetic.* A thorough and accurate knowledge of the whole of common school arithmetic.
2. *Algebra.* Academic algebra through quadratic equations.
3. *English.* English grammar completed, and elementary composition.
4. *History.* An advanced United States history, studied with special reference to growth and development; History of England.
5. *Latin.* Bennett's Latin Lessons, or its equivalent, and easy sight reading. (Required of those desiring to study second year Latin.)
6. *Agriculture and Bookkeeping.* Elements of agriculture and single entry bookkeeping. (Required of those desiring to take second year agriculture.)

EXAMINATIONS AT PLACES OTHER THAN FAYETTEVILLE.

Students living at a distance from the University may obtain local examinations if applied for in due time before the beginning of each session. The questions will be sent on application to the principal of any school or to any county examiner. The questions must be submitted by the principal or county examiner to the candidate under the usual restrictions of a written examination, and the questions and answers must be returned by the same officer to the University with his endorsement that the examination was properly conducted.

COURSES OF STUDY IN THE PREPARATORY SCHOOL.

The Preparatory School consists of two sub-college classes, and students are required to complete sixteen hours' work in each class as a condition of promotion to the University Freshman class. A student, having completed the prescribed preparatory work in any subject, may be admitted to the Freshman

class therein, provided no preparatory study is omitted for this purpose.

Special courses of study are discouraged in the Preparatory School, but students known to be in poor health or having physical defects which interfere with their studies may be permitted by the faculty to defer one or more subjects and extend the course over a longer period.

The classification of preparatory students is governed by the rule stated under "Classification of Students" (page 50). Students who are known to have precedence of higher grade students, may therefore omit studies in the Preparatory School and take up collegiate courses except in such cases as may be allowed by the faculty under paragraph (3), page (51).

The completion of thirty-two hours of the following work is required for entrance to the Freshman class.

FIRST YEAR CLASS.	Hrs. per week.	SECOND YEAR CLASS.	Hrs. per week.
Required Work, 12 hours.		Required Work, 12 hours.	
Algebra	5	Geometry	5
History of the United States and England	3	English	4
English	4	History of Greece and Rome	3
Elective Work (selected from the following), 4 hours.		Elective Work (selected from the following), 4 hours.	
Latin	4	Latin	4
German	4	German	4
Physiology	2	Advanced Arithmetic	2
Civics	2	Dairying and Bookkeeping	4
Agriculture and Bookkeeping	3	Physics	2
Woodwork	2	Drawing	2
Forge Work	1	Total, 16 hours.	
Total, 16 hours.			

NOTE—Students desiring to take the course leading to the B. A. degree must elect either Latin or German in the preparatory classes. Those desiring to take any of the engineering or scientific courses may omit the history of Greece and Rome, and may elect any four hours of elective work. Preparatory Physics is a prerequisite to Freshman Physics and Chemistry. For the course leading to the Conservatory Course, see page

TEACHERS' COURSE.

This course has been arranged for students who do not desire to take a full course at the University, but who wish to qualify themselves to teach in the public schools of this state.

FIRST YEAR CLASS.	Hrs. per week.	SECOND YEAR CLASS.	Hrs. per week.
Algebra	5	Arithmetic	2
English	4	Plane Geometry	5
History of the United States	3	English	4
Civil Government	2	History of Greece and Rome	3
Physiology, 2; Pedagogy, 1	3	Physics	2
Latin	4	Pedagogy	1
		Latin	4

NOTE—In this teachers' course it is intended that the completion of the first year's work shall prepare the student for a first grade license, and the completion of the second year's work for a professional license. Students desiring to prepare for the Normal Science Course will omit Latin; for the Normal Art Course, omit Civil Government, Physiology, and Physics.

FIRST YEAR CLASS.

Section Course	1 E. Ag	2 E.	3 A. S.	4 A.	5 A.	6 A. S.	7 S.	8 A. S.	9
Algebra	M F7	M F7	M F6	M F1	M F3	M F4	M F5	M F2	M F7
English	TWTF 1	MWTF 2	MTWT 4	MTWT 7	MWTF 7	TWTF 1	MTWF 2	MTWT 6	
History	TTF 2	MWF 3	MWF 7	MWF 3	MTT 4			MWF 4	
Latin			MWTF 3	MTWT 4	TWTF 1	MWTF 7		MTTF 5	
German			MWF 3	TWF 4		TWF 7			
Bookkeeping...	M 2								
Agriculture....	TT 3								
Physiology			TT 2		Sec. 3	Sec. 3			
Civics.....	TT 3	TT 1	TT 3			TT 3	MW 3	TT 1	
Woodwork.....	M 1-4	Tu 1-4							
Forge.....	W 3, 4	Th 3, 4			F 1, 2		F 3, 4		
Ped. 2a.....			Th 8	Th 8	Th 8				

SECOND YEAR CLASS.

Section... Course	1 A.	2 E. S.	3 A.	4 A.	5 A.	6 S.	7	8	9
Geometry	M F2	M F4	M F3	M F1	M F2	M F5	M F3	M F4	M F6
English	MWTF 3	TWTF 6	MTWT 4	MTTF 4	TWTF 6	MTWT 7	MTTF 2		
History	MWF 6	MWF 1	MWF 7	MWF 3	TTF 1	TTF 1			
Latin	MTWF 1		as sec. 1	TWTF 6	MTWT 3				
German.....				TWT 6	MWF 4				
Arithmetic.....		TT 3				TT 1			
Physics.....		WF 2				WF 2			
Bookkeeping...			Tu 6						
Agriculture....			MWT 1, 2						
Yraving...		M6, 75hl, 2							
Ped. 2b....	Fri. 8								

NOTES. Abbreviations for courses. A, Course leading to B. A.; Ag, Agriculture; E, Engineering; S, Science. Conservatory students take Art sections; Pedagogy may be taken with any section. Students may select their sections but are required to have all studies in one section.

DETAILED WORK OF COURSES.

FIRST YEAR CLASS.

MATHEMATICS, 5—Milne's Academic Algebra through quadratics.

ENGLISH, 4—(1) *English Grammar*: Maxwell's Advanced Grammar. (2) *Composition*: Dictation; letter writing; class-room themes, one each week, written and rewritten, based on assigned general reading, with special attention given to spelling, punctuation, paragraphing and idiomatic expression. (3) *For General Reading*: Irving's Life of Goldsmith; Addison's Sir Roger de Coverley; Lowell's Vision of Sir Launfal; Coleridge's Ancient Mariner. (4) *For Careful Study*: Macaulay's Life of Johnson; Burke's Speech on Conciliation. (5) *For Memorizing*: Coleridge's Ancient Mariner; Lowell's Vision of Sir Launfal.

LATIN, 4—Bennett's Latin Lessons; Collar's New Gradatim.

GERMAN, 4—Lange's German Method; translation from German into English, elementary exercises in translating into German; memorizing of easy German songs.

FRENCH, 4—Grammar (Aldrich and Foster); reading of easy French prose and translation of elementary exercises from English into French.

HISTORY, 3—First term, Montgomery's History of England; second term, Hart's Essentials of United States History.

ELEMENTARY AGRICULTURE AND BOOKKEEPING, 3—Elementary work in Agriculture, and a course in single entry book-keeping.

WOODWORKING, 4—Principles of carpentry and joinery; wood turning; cabinet work—Siegel's Exercises in Woodworking.

FORGING, 2—Management of fire; drawing; welding; riveting; tempering.

PHYSIOLOGY, 2—Hutchinson's Physiology and Hygiene.

CIVIL GOVERNMENT, 2—Willoughby's Rights and Duties of American Citizenship; Forman's Advanced Civics.

SECOND YEAR CLASS.

MATHEMATICS, 5.—Durell's Plane Geometry, completed, Lyman's Advanced Arithmetic.

ENGLISH, 4.—(1) *Rhetoric*: Hill's Beginnings of Rhetoric 2. (2) *Composition*: Classroom themes, one each week, written and rewritten, based upon assigned general reading, with special attention given to spelling, punctuation, paragraphing and idiomatic expression. (3) *For General Reading*: Tennyson's Gareth and Lynette, Lancelot and Elaine, and the Passing of Arthur; Shakspere's Macbeth, and Merchant of Venice; Scott's Ivanhoe, and Lady of the Lake; George Eliot's Silas Marner. (4) *For Care Study*: Shakspere's Julius Cæsar; Macaulay's Essay on Addison; Milton's L'Allegro, Il Penseroso, Comus and Lycidas. (5) *For Memorizing*: Milton's L'Allegro, Il Penseroso, Comus and Lycidas, and selections from Shakspere's Julius Cæsar and Tennyson's Idylls of the King.

LATIN, 4.—Four Books of Cæsar, or an equivalent; Bennett's Grammar and Exercise Book.

GERMAN, 4.—Review of grammatical principles with especial reference to syntax; reading of works of modern authors; composition; sight reading; assigned reading; memorizing of German Songs.

FRENCH, 4.—Review of grammatical principles with especial reference to syntax; composition; assigned reading; sight reading.

HISTORY, 3.—More's Outlines of Greek History, first term; More's Outlines of Roman History, second term.

PHYSICS, 2.—*Physics*; Lectures; laboratory and written work. Text, Higgins'.

POUCHARD DRAWING, 4.—Practice work; outline drawing from models and machine parts; plan, elevation and section drawings.

AGRICULTURE AND BOOKKEEPING, 4.—Dairying three hours; Double Entry Bookkeeping and Commercial Law, one hour.

PSYCHOLOGY, 2.—Halleck's Psychology and Psychic Culture, Kerr's Country Schools.

Note.—In the preceding courses, the figure after each subject indicates the number of hours per week.

In addition to the requirements above mentioned, military science and tactics will be required of male students, or, whenever they are excused, one period per year in other work. One period per year in music, art, elocution, physical culture, or other work, will be required of female students.

AGRICULTURAL EXPERIMENT STATION

Fayetteville.

WILLIAM GEORGE VINCENHELLER,
Director.

ROBERT ROBSON DINWIDDIE M. D., V. S.,
Animal Husbandman and Pathologist.

ERNEST WALKER, B. S. A.,
Horticulturist.

JOHN HENRY NORTON, B. Agr., B. S., M. S.,
Chemist.

VICTOR ALBERT HOOPER,
Dairy Husbandman.

CHARLES FREDERICK ADAMS, B. Agr., A. M., M. D.,
Entomologist.

WILFRID LENTON, V. S.,
Veterinarian.

CHRISTIAN PERCIVAL NORGORD, B. S. A.,
Agriculturist.

JOSEPH LEE HEWITT, B. S.,
Assistant Horticulturist.

CARL H. TOURGEE, B. S. A.,
Assistant Dairy Husbandman.

WILFRED S. JACOBS, B. S. A.,
Assistant Agriculturist.

ALBERT K. SHORT, B. S.,
Assistant Animal Husbandman.

EDITH G. BLACK,
Executive Clerk.

The office of the Director of the Experiment Station is in the new Agricultural Building, a brick structure of two stories and a basement. It has a well lighted laboratory room in the basement, four large lecture rooms on the first floor and a library and the offices of director on the second floor. It is well arranged for its purpose and will serve admirably until the growth of the college demands more room.

THE DEPARTMENT OF ANIMAL HUSBANDRY AND PATHOLOGY is located in the old Agricultural Building. This department carries on investigations in feeding, breeding and care of farm animals. Its special feature is a well selected lot of hogs representing the various breeds on which various feeding and breeding tests are made.

THE DEPARTMENT OF HORTICULTURE has its offices on the first floor of the Agricultural Building and in the Old Agricultural Building. It has a greenhouse in which forcing experiments and other experiments in plant propagation are carried on. The orchards and grounds in charge of this department contain many varieties of apples, pears, plums, cherries and small fruits which serve as material for experiments with varieties, methods of culture, pruning and spraying.

THE DEPARTMENT OF CHEMISTRY is located in the old Agricultural Building. Its laboratories are fitted with the most improved modern apparatus. This department carries on investigations along the lines of animal and plant life and soil chemistry.

THE DAIRY DEPARTMENT is located in a new three story stone building equipped with the most improved dairy machinery and well equipped laboratories. It also has a representative herd of dairy cows housed in a well arranged dairy barn, and conducts a model dairy on an economic basis.

THE DEPARTMENT OF ENTOMOLOGY has its office and laboratories on the first floor of the Agricultural Building. Investigations are conducted by this department in life histories of insects injurious to agriculture and horticulture, and methods of exterminating such insects.

THE DEPARTMENT OF VETERINARY SCIENCE is located in the old Agricultural Building. State inspection for contagious diseases of animals is supervised by this department and the best means of checking the spread of outbreaks of such diseases and stamping them out.

THE DEPARTMENT OF AGRICULTURE has its office on the second floor of the Agricultural Building. This department carries on investigations with farm crops, testing and breeding new and pure varieties of cotton, corn, grains, grasses for hay,

pasture and cover crops, and other agricultural products. It also carries on experiments in soil fertility and the management of soils for different crops. The work of this department is conducted on the station farm and at the substations. A special feature is the work with cotton and corn at the substations of the southern part of the State. In connection with this department is the poultry work of the station where may be found representatives of the leading breeds of poultry.

THE MEDICAL SCHOOL

Little Rock.

JOHN NEWTON TILLMAN, LL. D.,

President of the University.

CLEBURNE WATKINS, M. D.,

Emeritus Professor of Medicine.

EDWIN BENTLEY, M. D., U. S. A. (Retired),

*Professor of the Principles and Practice of Surgery, and
President of the Medical Faculty.*

JAMES HORACE LENOW, M. D.,

Professor of the Diseases of Genito-Urinary Organs.

LOUIS RAOUL STARK, M. D.,

Professor of Gynecology.

EDWIN RICHARD DIBRELL, M. D.

Professor of Medicine.

FRANK VINSONHALER, M. D.,

Professor of Ophthalmology and Otology.

THOMAS NEEDHAM ROBERTSON, A. B., LL. B.,

Professor of Medical Chemistry and Toxicology.

WILLIAM HAMILTON MILLER, M. D.,

Professor of Obstetrics.

FRANK LUCAS FRENCH, M. D.,

*Professor of General Descriptive and Surgical Anatomy,
and Secretary of the Faculty.*

CARLE EDWIN BENTLEY, M. D.,

*Professor of Principles and Practice of Surgery, and
Clinical Surgery.*

JOHN R. DIBRELL, M. D.,

Professor of Clinical Microscopy and Bacteriology

WILLIAM CONNOR DUNAWAY, M. D.,

Demonstrator of Anatomy.

ANDERSON WATKINS, M. D.,

*Professor of Principles and Practice of Surgery and
Assistant in Clinical Surgery.*

CALEB ERVIN WITT, M. D.,

*Professor of Materia Medica, Therapeutics, Hygiene and
Botany.*

- EDGAR EUGENE MOSS, A. M., LL. B.,
Professor of Legal Medicine.
- MORGAN SMITH, M. D.,
Professor of Physiology and Lecturer and Clinical Instructor in the Diseases of Children.
- ROBERT LEE RUSSELL, M. D.,
Lecturer and Clinical Instructor in the Practice of Medicine.
- O. K. JUDD, M. D.,
Lecturer and Assistant to Chair of Anatomy.
- MAHLON D. OGDEN, M. D.,
Lecturer on Gross and Microscopical Pathology.
- A. E. HARRIS, M. D.,
Lecturer on Physical Diagnosis and Clinical Medicine.
- JAMES L. DIBRELL, M. D.,
Lecturer and Instructor in Electro-Therapeutics; X-Ray Therapy and Dermatology.
- OSCAR GRAY, M. D.,
Assistant in Chair and Clinical Instructor in Gynecology.
- J. G. WATKINS, M. D.,
Assistant to Chair of Otolaryngology and Ophthalmology.
- A. R. STOVE, M. D.,
Assistant to Chair of Practice of Medicine.
- J. P. CUNNINGHAM, M. D.,
Assistant to Chair of Obstetrics.
- J. L. DIBRELL, M. D.,
Assistant to Chair of Bacteriology.
- M. D. McCLAIN, M. D.,
Assistant to Chair and Clinical Instructor of Diseases of Genito-Urinary Organs.
- MILTON VAUGHAN, M. D.,
Assistant to Chair of Material Medica and Therapeutics.
- C. V. SCOTT, M. D.,
Assistant to Chair of Clinical Surgery.
- A. L. CHARMICHAEL, M. D.,
Assistant Demonstrator of Anatomy.

OSCAR GRAY, M. D.,

Assistant Demonstrator of Anatomy.

M. D. OGDEN, M. D.,

Assistant Demonstrator of Anatomy.

S. S. STEWART, M. D.,

Assistant Demonstrator of Anatomy.

W. M. McRAE, Ph. G.,

Instructor in Clinical Laboratory.

WM. GODWIN, M. D.,

Prosector of Anatomy.

Twenty-Ninth Annual Announcement

Of the Medical School of the University of Arkansas.

The regular course of lectures will begin on Monday, September 30, 1908, and continue until April 30, 1909.

Lectures will be delivered daily during the six days of each week.

The matriculation book will be open from and after September 1 to students desiring to matriculate early and secure choice of seats.

In making this annual announcement the faculty feels great satisfaction in referring to the continued success and prosperity of the medical department. The cordial indorsement of the Arkansas Medical Society, and the generous influence of the medical profession throughout the state, are highly appreciated and encourage the members of the faculty to continue the arduous labors which they have so long and zealously maintained.

FOUR YEAR'S GRADED COURSE.

The advanced stand taken by the faculty in adopting the four years' graded course as required by the Association of American Medical Colleges, seems to be appreciated by members of the medical profession, and students as well, as is shown by the number and higher educational standing of students since its adoption.

MATRICULATION.

In conformity with the rules and regulations of the Association of American Medical Colleges, students on matriculating are required to present valid credentials showing that they are matriculates or graduates of the graded colleges of literature, science, or arts, of high schools, academies, normal schools or equivalent schools, or (b) teachers' certificates.

Graduates and matriculates in medicine, dentistry or pharmacy, on presenting proper credentials, are exempt from the entrance examination.

To avoid delay, students entitled to matriculate without examination are requested to bring their certificates with them and present them on arrival at the college.

Students not entitled to exemption, as hereinbefore provided, are required to pass an entrance examination, with the following requirements: The writing of an English composition of not less than two hundred words; the translation of easy Latin prose; a knowledge of the elements of arithmetic or algebra and of elementary physics.

Students who may be unsuccessful on their entrance examinations, or any subject or subjects, are allowed one year to qualify themselves; they may register and pursue their studies one year, but they can not begin the studies of the second year until they have passed the required entrance examination.

These examinations are reasonable, their only object being to ascertain whether students are sufficiently educated to profit by medical study.

Students who have the entrance requirements will be entitled to additional credit for time on the four years' course, as follows:

- (a) To students having the A. B. B. S., or equivalent degrees from reputable literary colleges, one year of time.
- (b) To graduates and students of colleges of homœopathic or eclectic medicine, as many years as they attended those colleges, provided they have met the previous requirements of this school and passed an examination in materia medica and therapeutics.
- (c) To graduates of reputable colleges of dentistry, pharmacy and veterinary medicine, one year of time

CURRICULUM.

FIRST YEAR.—Anatomy, Practical Anatomy, Physiology, Chemistry, Physics, Histology, Medical Ethics and Materia Medica.

SECOND YEAR.—Anatomy, Practical Anatomy, Physiology, Chemistry, Materia Medica, Pathology, Obstetrics.

THIRD YEAR.—Materia Medica and Therapeutics, Toxicology, Obstetrics and Diseases of Children, Physical Diagnosis, Diseases of the Eye and Ear, Practice of Medicine, Surgery.

FOURTH YEAR.—Review of all branches—Practice of Medicine, Surgery, Dermatology, Gynecology, Bacteriology, Urinology, Venereal Diseases, Diseases of the Nervous System, Medical Jurisprudence.

Students are required to stand an examination each year before being advanced.

LOCATION.

The city of Little Rock is conveniently situated in the center of the state, and railroads enter from every direction, making it easily accessible.

It has a population of more than sixty thousand, and has always been classed as one of the healthiest cities west of the Mississippi River. Few places can boast of better educational facilities than Little Rock. All of the eleemosynary institutions of the state are located here. These are the school for the blind, the deaf-mute institute and the insane asylum.

MEDICAL SCHOOL BUILDING.

The new structure is an imposing edifice, three stories in height, constructed of brick, and admirably arranged for the convenience of both students and instructors.

It has a large lecture hall, a fine amphitheater with chairs, a library, a reading room, a museum, several dissecting rooms, all well-lighted and ventilated. In fact, it is designed to be a modern and model medical college building. It is situated on Second and Sherman streets.

HOSPITALS.

By the munificence of the late Colonel Logan H. Roots, and the benevolence of his widow, the city of Little Rock possesses the elegant Logan H. Roots Memorial Hospital. The medical department of the University is fortunate in having this hospital situated on lots adjoining and directly connected with its own building, thus giving greatly increased clinical facilities.

St. Vincent's Infirmary, designed solely for the treatment of acute diseases, has a capacity of nearly a hundred beds. This hospital is splendidly equipped and furnished with modern conveniences and improvements, is in the very best sanitary condition, and under the supervision and management of trained nurses, Sisters of Charity. This magnificent institution, conveniently situated, is the finest and best equipped institution of its kind in the Southwest, and is up to date in every respect.

The Pulaski County Hospital, erected at a cost of some thirty thousand dollars, is a handsome brick structure, well arranged, complete in its equipments, and has a capacity of two hundred beds.

Victims of railway accidents, marine patients, and the sick and wounded of the county and state find in these hospitals shelter, food, raiment and that Christian attention so cheering and comforting in sickness and distress. The inmates of these different institutions embrace all classes and conditions of people—white, colored, male, female, adults and children. Among them is found almost every form of malady, except quarantinable diseases, which are otherwise provided for.

THE ISAAC FOLSOM CLINIC.

This clinic is thus designated in honor of the late Dr. Folsom, and in consideration of his liberal endowment with the sum of twenty thousand dollars. The daily instruction in this clinic is thoroughly practical, and is attended by a large number of outdoor patients from the city and surrounding country. It embraces a wide range of diseases and injuries. More than six thousand patients were in attendance last year.

METHODS OF TEACHING.

Instruction will be given by didactic and clinical lectures, practical work in the dissecting room, chemical and physiological laboratories, and by daily quizzes on the subject of preceding lectures.

When the subject will permit of it, each branch will be so illustrated by means of diagrams, charts, models and instruments as to address the understanding of the student through the medium of sight as well as hearing.

TEXT-BOOKS.

The faculty recommends one or the other of the following text-books in the several departments:

Surgery—Du Costa, Warren & Gould, Dennis' System, Wharton & Curtis, Orthopedic Surgery, Whitten, Moore, Operative Surgery, Stimson, Wharton, Burkhardt, Borden, Materia Medica and Therapeutics—Hare, Butler, Potter, Theory and Practice—Anders, Tyson, Osler, Hare; Diagnosis—Musser, Simon, Tyson, West, Boston; Anatomy—Gray, Fehley; Lectures on Physiology—Kirk, Stewart; Histology—Dunham, Baum, Davison & Huber; Bacteriology—Abbot, Park, Williams, Gorham; Pathology—Green, Mallory & Wright, Dela-

field, Chemistry—Simon's Manual of Chemistry, Rockwood's Chemical Analysis for Medical Students, Boesche's Manual of Toxicology. Obstetrics—Hirst, Lassar, Kegan, Gynaecology—Liseuses et Women, Montgomery, Asher, Hirst; Diseases of Children—H. P. Tuttle, Taxler & Wells, Graetzer. Diseases of the Eye—Swartz, Jackson, Haysell & Sweet, Diseases of the Ear, Throat and Nose—Baker, Bland, Gannoy, Kyle, Knapp. Genito-Urinary Organs—Morton, Lassar, White & Martin. Dermatology—Jackson, Croker, Shoemaker; Blisters—Gray, Dermatology—Dunlop, Goulds, Dorland, Hygiene—Harrington, Bergey; Rectum—Gant, Tuttle.

EXPENSE OF LIVING.

The expense of living in the city of Little Rock will, of course, vary according to the views and habits of the students. Good board, at the present time, including lodging, fuel and lights, may be had at a convenient distance from the college, at from four dollars to six dollars per week, and from thirteen dollars to eighteen dollars per month.

Students on their arrival are requested to visit the University building at the corner of Second and Sherman streets, where a list of persons desiring to board medical students will be found.

Persons desiring further information are requested to address the secretary of the faculty.

REQUISITES FOR GRADUATION.

Each candidate for graduation must produce satisfactory evidence of good moral character, and of having attained the age of twenty-one years. No candidate shall be eligible for final examination for graduation unless he files the proper official evidence that he has matriculated at some regular college for four sessions, and in the course of the same has attended four full courses of instruction in anatomy (including dissections), physiology, chemistry, modern medicine, therapeutics, obstetrics, surgery, pathology, bacteriology and practice of medicine. The last of the four full courses must be attended at the Medical School of the University of Arkansas. No four consecutive courses of instruction shall be held as satisfying these requirements unless the time between the beginning of the first course and the end of the fourth is greater than forty-two months. The candidate must have paid all the college fees. He must present to the secretary before the first of March the amount of his graduation fee. In case of failure to pass a satisfactory examination the money will be refunded.

FEES.

Table of fees for every year of the four-year course:

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
Matriculation	\$ 5 00			
Professors, lectures, etc.....	60 00	\$60 00	\$60 00	\$60 00
Graduation, diploma, etc.....	.....	.....	.....	25 00
Total	\$65 00	\$60 00	\$60 00	\$85 00

There are no fees for special courses or quizzes in this college. No professor or assistant is allowed to receive a fee for instruction. No extra charge will be made for dissecting material, demonstrator's or hospital tickets. No variation is made, under any circumstances, from the established fees of the school, they having been placed originally at the very lowest figure commensurate with the interests of both student and school.

THE LAW SCHOOL

JOHN NEWTON TILLMAN, LL. D.,
President of the University.

Faculty.

JOHN HUGH CARMICHAEL, LL. B., DEAN,
*Contracts, Domestic Relations, Judgments, Constitutional
Law, Conflict of Laws.*

JOHN FLETCHER, LL. M.,
Real Property.

GEORGE WASHINGTON MURPHY, LL. B.,
Law of Evidence.

TOM M. MEHAFFY, LL. B.,
Laws of Torts.

EDWARD WADSWORTH WINFIELD, LL. B.,
Law of Bailments.

JESSE C. HART, LL. B.,
Equity Jurisprudence.

LEWIS RHOTON, LL. B.,
Criminal Law, Practice and Procedure.

THOMAS NEEDHAM ROBERTSON, LL. B., SECRETARY,
*Agency, Negotiable Instruments, Pleading and Practice,
Insurance.*

THOMAS EDWARD HELM, LL. B.,
Fraudulent Conveyances.

AUGUSTUS MARION FULK, LL. B.,
Law of Corporations.

R. E. WILEY, LL. B.,
Bankrupt Law.

WILLIAM BURT BROOKS, LL. B.,
Law of Partnership.

Lecturers.

U. S. SENATOR JAMES P. CLARKE.

JUDGE JACOB TRIEBER.

MORRIS MATTHIAS COHN.

JAMES HARWOOD HARROD.

GEORGE B. ROSE.

COURSE OF INSTRUCTION.

The course of instruction covers a period of two years, consisting of four terms. A shorter period is deemed insufficient for the proper preparation of the student of the law for his profession. In the language of a distinguished jurist, "He who is not a good lawyer when he comes to the bar will seldom be one afterwards." The method of instruction consists of daily recitations upon previously assigned lessons in the text-books, with special lectures to emphasize the conclusions of the author and to enlarge the student's conception of them. The system of instruction, with daily recitations largely predominating, is regarded as superior to either the recitation or lecture system when pursued alone. In addition, students are required to prepare and submit to the professors legal papers in the form of briefs upon the various topics of the text-writers, thus combining the abstract theory of the law with its practical application to the different sets of facts embraced in the various decisions of the courts consulted by the student in preparing his paper. The course of study for the two years will embrace the subjects named and assigned, as follows:

JUNIOR YEAR.

FIRST TERM—Contracts, Agency, Commercial Paper, Torts, Bailment.

SECOND TERM—Criminal Law, Evidence, Pleading, Insurance, Partnership.

SENIOR YEAR.

FIRST TERM—Real Property, Equity, Corporations, Domestic Relations, Frauds and Fraudulent Conveyances, Sales.

SECOND TERM—Real Property, Judgments, Constitutional Limitations, Conflict of Laws and Lectures upon Federal Practice, Bankruptcy, Medical Jurisprudence and Legal Ethics.

The first term of both Junior and Senior Courses begins on the third Monday in September, the second term of each course begins on the third Monday in January and ends on the first Friday in June.

ADMISSION.

Though we fully appreciate the advantage of a thorough collegiate training in the various academic branches as a preparation for the study of the law, we have not made this requirement a prerequisite to admission to this department. Applicants will be permitted to take up the studies of the Junior course who are possessed of a fair English education, such as may be acquired in our public schools. Students may be admitted to the Senior course upon producing sufficient proof of their having given the necessary time and study to the different subjects of the law, either in another law school or under the direction of a practicing lawyer, but no student will be granted the degree until he has passed a satisfactory examination on all the branches embraced in the full course of two years.

LIST OF TEXT-BOOKS.

Anson on Contracts; Renhard on Agency; Daniel and Douglass on Negotiable Instruments; Hale on Torts; Trechem's Elements of Partnership; Van Zile on Bailments; Clark on Criminal Law; Greenleaf on Evidence; Brydges' Code Pleading; Vance on Insurance; Tiedeman on Real Property; Eaton on Equity; Clarke on Corporations; Freeman on Judgments; Rogers on Domestic Relations; Cooley on Constitutional Law; Minor on the Conflict of Laws; Tiffany on Sales; Frank on Bankrupt Law; Curtis on Jurisdiction of United States Courts; Hughes on Federal Practice; Reese on Medical Jurisprudence.

MOOT COURTS.

Moot courts begin with the last term of the Junior year and continue throughout the course, and are termed the judicial department of the school, and embrace all the courts—justice, probate, circuit and supreme all modeled according to the constitutional requirements of the state.

The supreme court shall consist of three judges, a chief justice, and two associates. The circuit court shall consist of one judge, a clerk, and a sheriff, to be elected by the students. County and probate court shall consist of one judge, a sheriff, and a clerk, to be elected by the students. Justice of the peace court shall consist of a member of the Senior class, who shall be elected by the student body.

These courts shall be under the immediate supervision of the dean, who will be assisted by the members of the faculty in compiling statements of facts embracing principles of law pertaining to the respective branches under their instruction.

GOAR LYCEUM.

This society is composed of the students of both the Junior and Senior years, and meets regularly every Wednesday night during the session. The exercises consist chiefly of theses and debates embracing subjects legal in their nature. The performance of these exercises is insisted upon by the faculty, for such practice enables the student to acquire the invaluable art of learning to think while on his feet, besides giving him an easy manner of address in public speaking.

EXAMINATIONS.

Written examinations are held each term in the presence of a member of the faculty.

DEGREE.

The degree of Bachelor of Laws is conferred upon all students who have passed an examination on each of the subjects embraced in the course, and have attained the average standard grade of proficiency.

CLASS HONORS.

Upon the student attaining the highest average grade in a class is conferred the first honor; upon the one attaining the next highest, the second honor; and upon the one making the next highest, the third honor.

The faculty authorize the selection of three orators to deliver orations at the commencement exercises, as follows: The Senior class, one; the Junior class, one; and the Goar Lyceum, one.

The Rt. Rev. W. K. Lloyd, D. D., of Little Rock, offers a prize of twenty-five dollars in gold to the student graduating with the highest average grade of proficiency in all branches.

ADVANTAGE OF LOCATION.

Each student may use the supreme court library, which contains about twenty thousand volumes, including all the reports

from the year books to the seventieth Arkansas. During his course of two years the student may see one session of the legislature. The supreme court is in session about nine months of the year. A federal district court and the circuit court of appeals hold a session in Little Rock each winter. Two state circuit courts are in session about nine months in the year. The student of equity has an opportunity to observe some of its practical workings in a chancery court. Little Rock has a county and probate court, and about fourteen justices of the peace. The members of the Little Rock bar are kind and courteous to students and willing to aid them in any and every way. As Little Rock has a semi-tropical climate, it is just the place to spend a winter free from intense cold.

PROFESSIONAL ETHICS.

At the same time that the endeavor is made to impart a knowledge of the fundamental principles of the law, the subject of professional ethics will be given special attention and its demands constantly impressed upon the minds of the students as indispensable to the attainment of an honorable and successful career as a lawyer.

ADMISSION TO THE BAR.

By a recent act of the general assembly all graduates of the law department of the University of this state are admitted to the practice of law in the supreme court and all inferior courts of the state without the requirement of an examination.

TUITION AND EXPENSES.

Tuition, Junior course, payable on entrance.....	\$50 00
Tuition, Senior course, payable on entrance.....	50 00
Board and lodging, per month.....	\$15.00 to 20 00
Diploma	5 00

Text-books can be procured with students' discount.

No library or society fees are required of students.

All communications should be addressed to the Secretary

T. N. ROBERTSON, LL. B.,

Little Rock, Arkansas.

THE BRANCH NORMAL COLLEGE

Pine Bluff.

ISAAC FISHER, Principal,

Psychology, Ethics, and Pedagogy.

ABRAHAM WILLIS JOHNSON,

Mathematics, English, and Latin.

FREDERICK THOMAS VINEGAR,

Latin, Mathematics, and Physics.

ELLA CHARLOTTE MAYS,

Algebra, Arithmetic, Ancient History, and Music.

THOMAS CLAY OGBURN,

Chemistry, Geography, United States History.

SADIE M. PEEBLES,

Free Hand Drawing, English, and Arithmetic.

IRENE V. COLEMAN,

Instructor in English, Geography, and Arithmetic.

MAMIE BRAWLEY JUNE,

Dressmaking.

BURTON NEIL WILSON, B. Sc. M. E.,

Superintendent of Mechanic Arts.

WILLIAM STEPHENS HARRIS,

Assistant Superintendent of Mechanic Arts.

JAMES LINCOLN ROSS,

Machine Shop and Forge.

GENERAL STATEMENT.

The Branch Normal College is a division of the University of Arkansas, established pursuant to an act of the general assembly of the state of Arkansas, approved April 25, 1873, and has been in operation since September 27, 1875. Its primary object is the training of teachers for efficient service in the colored public schools of the state. Tuition is made free to all appointees, the only requirements for admission being suitable age and qualification, appointment by one of the county judges, and the payment of the matriculation fee of five dollars. Other students pay in addition one dollar per month in advance.

EQUIPMENT.

The college property consists of a beautiful tract of twenty acres of ground in the suburbs of Pine Bluff, Jefferson County. A handsome and comfortable school building, a dormitory for girls, and manual training shops, containing as complete an equipment as can be found in any similar shops in the South.

REQUIREMENTS FOR ADMISSION.

Candidates must be at least sixteen, if young men, and fourteen, if young women; and must pass satisfactory examinations in arithmetic, English grammar, geography and United States history.

APPOINTMENT OF BENEFICIARIES.

By the laws of the state, the appointment of students to the Branch Normal College in numbers from each county in the state is the same as to the parent University at Fayetteville. The power is vested in the county courts, but any vacancies occurring during the vacations of the court shall be filled by the judge of the county court.

All students thus appointed are entitled to four years' free tuition upon the payment of five dollars' matriculation fee in advance at the time of entering the institution.

These appointments are not transferable, and students holding them must be very careful that their conduct is not such as will lead to their forfeiture, and it may also be stated that the principal reserves the right to declare forfeited the appointments of those students who are not present at the opening of the autumn term.

Students planning to enter the college should go to their county judges for appointments, which, if received, must be brought to the college. Blanks for appointments may be secured by addressing Principal Isaac Fisher, Pine Bluff, Ark.

NORMAL DEPARTMENT.

The college offers a good course of training for those who plan to become teachers. More and more the aim will be to give scientific instruction in the matter of teaching the branches

of public schools. Arrangements have been made with the superintendent of the Pine Bluff public schools by which the student teachers of this college may inspect the school system in actual operation. Candidates completing the work of this department will be granted the certificate of Licentiate of Instruction (L. I.) Applicants must pass a satisfactory examination in the ordinary English branches to be able to enter the school.

CLASSICAL DEPARTMENT.

Candidates completing this course will be granted the degree of Bachelor of Arts (A. B.), but no candidate failing to write and submit an original thesis to the teacher of English will be given this degree. The subject of this thesis, must be selected in December of the Senior year.

THE MECHANIC ARTS DEPARTMENT.

This department offers a splendid opportunity to young colored men to become skilled blacksmiths, machinists, engineers and firemen. The mechanic arts course and the manual training normal course are strong combinations of shop work and literary training. It is hoped that these courses will from time to time attract young men who desire to fit themselves for higher usefulness by preparing for the pursuit of those occupations for which there is a strong demand. In addition to these there is offered a course in woodworking, which comprises cabinet making, pattern making and carpentry.

DEPARTMENT OF DRESSMAKING.

Young women are here given an opportunity to learn plain sewing, crocheting and art needlework. There is a fine outfit of sewing machines and other requisites for doing the work planned by this department.

TYPEWRITING AND STENOGRAPHY.

These subjects are taught one hour each day. Shorthand classes will be formed whenever a sufficient number of students desire to pursue this study.

MILITARY DRILL.

The young men of the college have been organized into a battalion of cadets to promote habits of neatness, order, and punctuality, and to develop an ennobling self-control in every young man connected with the school.

Under the military system thus established, it is aimed to exercise that control of the cadets which is so essential to easy and proper discipline. All young men are subject to the drill regulations.

PHYSICAL EXERCISE.

An athletic association for the purpose of fostering clean athletics and at the same time giving healthful exercise, has been organized under the direction of a member of the faculty, who will see that no excesses are indulged in and that sports do not interfere with the work of the other departments. Physical culture for young women is also a feature of the college work.

PUBLIC RHETORICALS.

Twice every month public rhetoricals are held in the chapel and all students are subject to assignment on the programs.

RELIGIOUS LIFE.

Prayers are held in the chapel every morning except Saturdays and Sundays. All students are required to attend these devotions. On Sundays, the students who board in the town attend the various churches, while the girls living in the dormitory are taken to the churches of their several choices by members of the faculty.

HOLIDAYS.

The exercises of the college are suspended for one day at Thanksgiving, one on Washington's Birthday, and about ten days at Christmas.

LECTURE COURSE.

A course of lectures on live topics is given during the year. These are free, both to the students and to the public.

TRUSTEES' PRIZE.

This prize consists of twenty-five dollars, and is given to "that member of either of the two highest classes who shall during commencement week pronounce the best oration on any one of a number of subjects to be selected by the principal."

GENERAL EXERCISES.

The general exercises include reviews of the Sunday school lessons and of the events of the week; also music and drawing. There are regular lessons in vocal music which are given to all students. Students will frequently be required to give public evidence of their skill in using the library intelligently. All exercises must be attended faithfully.

EXPENSES.

For all students, matriculation fee, in advance....\$ 5 00

Board, fuel, and light, for girls in the dormitory... 8 00

Board, fuel, and light in private families \$8.00 to 10 00

Non-beneficiary students, for tuition, per month... 1 00

Books at usual retailers' price.

Entrance fees and board bills are payable in advance

For further information concerning any department of the college, address the principal,

ISAAC FISHER,

Pine Bluff, Ark.

REGISTER OF STUDENTS.

THE COLLEGE.

Abbreviations. B. A., Bachelor of Arts; *B. S., Bachelor of Science; B. M. E., Bachelor of Mechanical Engineering; B. C. E., Bachelor of Civil Engineering; B. E. E., Bachelor of Electrical Engineering; B. M. E., Bachelor of Mining Engineering; M. A., Master of Arts; M. S., Master of Science; C. E., Civil Engineer; E. E., Electrical Engineer; M. E., Mechanical Engineer; I. I., Licentiate of Instruction.

Graduates.

Name.	Course.	Postoffice.	Boarding Place.
Hyatt, Robert F., B. Ch. E.	M. S.	Monticello	327 Washington
Murphy, John W., B. S.	M. S.	Quanah, Texas	Gray Hall
Wood, John Shirly, B. S. C.	M. S.	Little Rock	327 Washington

*This course will not be offered after the session of 1907-08.

Seniors.

Barrett, Reuben M.	B. S. C.	Jonesboro	Buchanan Hall
Belknap, Joel Rousseau	M. E.	Sulphur Springs	Buchanan Hall
Bird, Earl V.	C. E.	Springdale	Gray Hall
Blakemore, Thomas Lester	B. A.	Altus, Okla.	Buchanan Hall
Boles, Ashleigh Pannel	B. A.	Fayetteville	20 N. East St.
Brizzolara, John	B. A.	Ft. Smith	206 W. Dickson
Brown, Cyrus Cathey	B. A.	Arkadelphia	Gray Hall
Brunson, Thomas Roswell	C. E.	Rock Creek	Buchanan Hall
Childress, Nora	B. A.	Fayetteville	312 N. College
Chunn, George Davies	B. S.	Hollygrove	232 N. East St.
Cook, Fleet Ernest	B. A.	Texarkana	300 W. Dickson
Dean, Ruth Elizabeth	B. A.	Fayetteville	R. F. D. No. 2
Ellis, John Robert	C. E.	Pine Bluff	312 W. Lafayette
Fry, Joesph Elmer	C. E.	Cedarville	Gray Hall
Grant, James Richard	B. A.	Dover	University Hall
Hathecoat, Marvin Arthur	B. A.	Bellefonte	Buchanan Hall
Hight, William Clarence	C. E.	Fayetteville	218 N. East St.
Holt, Robert Earl	B. A.	Stuttgart	213 N. Church
Hopson, Edwin E.	B. A.	Buford	Buchanan Hall
Hughes, Leslie Clare	B. A.	Fayetteville	
James, Jesse Isaac	B. A.	Dover	Gray Hall
Jefferies, Alfred Jefferson	B. A.	Clarendon	213 N. Church
Johnson, David Augustus Eugene	B. A.	Paris	Buchanan Hall
Jones, George Fleming	B. A.	Frank	Gray Hall
Langford, William Henry	B. A.	Vilonia	Hill Hall
Locke, Jeremiah M.	B. C. E.	Muskogee, Okla.	Gray Hall
Lueker, Chas. Gottlieb	B. A.	Dover	Lafayette
Mesler, Rector Duval	B. A.	Fayetteville	339 Gregg St.
Mitchell, Noland Dickson	C. E.	Greenway	Buchanan Hall
Miser, Hugh D.	B. A.	Rogers	Gray Hall
Miser, Wilson Lee	B. A.	Rogers	Gray Hall

Name.	Course.	Post Office.	Boarding Place.
Mitchell, Owen Cecil	B. A.	Fayetteville	429 W. Dickson
Moore, Samuel Williams	B. A.	Fayetteville	N. Leverett
Morris, Grover Cleveland	B. A.	Lonoke	300 W. Center
Morgan, William Sidney	B. A.	Chickalah, Okla.	
McSpadden, Clement M.	C. E.	Chelsea, Okla.	17 Hill
Pearson, Thomas Milton	B. A.	Fayetteville	Garland Ave.
Pritchett, Frank A.	C. E.	Batesville	Hill Hall
Redden, Albert	B. A.	Harrison	Buchanan Hall
Reagan, Zenas Lytton	C. E.	Fayetteville	503 Washington
Ross, John Harvey	B. A.	Fayetteville	727 Douglass
Sanders, Lucy Edna	B. A.	Fayetteville	117 S. East St.
Shaver, Lee Bryant	C. E.	Oakland, La.	Gregg St.
Sherrod, William Vernon	E. E.	Habberton	300 W. Center
Smith, Elmer Clifton	C. E.	Sidney	924 W. Maple
Smith, H. Rush	B. A.	Malvern	Buchanan Hall
Snell, Virgil Kleabor	C. E.	Fayetteville	D. W. Snell's
Sowers, Gracey	B. A.	Monticello	Carnall Hall
Stacy, Hal Gillett	C. E.	Vanndale	Gray Hall
Starbuck, Arward	B. A.	Foreman	Hill Hall
Thompson, Mack Franklin	E. E.	Fayetteville	348 Willow
Thompson, William Elmore	B. S.	Warren	Cor. School & Maple
Townslay, Freeland Page	E. E.	Little Rock	Hill Hall
Walker, Mabel	B. A.	Buntyn, Tenn.	121 W. Dickson
Wiggins, Joseph Cleveland	C. E.	Hope	Buchanan Hall
Williams, Oscar Eugene	B. A.	McKinney, Tex.	110 University St.
Woodruff, Clarence Herbert	B. A.	Rhea	803 W. Dickson
Wood, Oliver Seth	B. S. in C. E.	Ft. Smith	Gray Hall
Woodson, Edwin Francis	C. E.	Huntington	17 Hill
Total, 59.			

Juniors.

Name.	Course.	Post Office.	Boarding Place.
Allen Joe Cleveland	B. A.	Hatfield	Buchanan Hall
Bayley, Wilber S.	E. E.	Ft. Smith	523 Leverett
Bell, Lexie	B. A.	Benton	Carnall Hall
Blair, Theron C.	B. A.	Van Buren	Buchanan Hall
Brack, Clifton Lee	B. A.	Little Rock	Mrs. Neelly's
Bunn, James B., Jr.	B. A.	Hamburg	Buchanan Hall
Carnall, Bess	B. A.	Ft. Smith	Carnall Hall
Cash, Cecil Chadwick	C. A.	Texarkana	Hill Hall
Chamberlain, Roy R.	B. A.	Malvern	Buchanan Hall
Coker, John	C. E.	Leadhill	Buchanan Hall
Cook, Ira	M. E.	Fayetteville	N. of City
Cotham, Blanche	B. A.	Monticello	Carnall Hall
Cotham, Ruby	B. A.	Monticello	Block Street
Davis, Arthur Charles	M. E.	Fayetteville	420 Arkansas
Davis, Opie Lee	C. E.	Marcella	Buchanan Hall
Douglass, Frances	B. A.	Fayetteville	613 Willow
DuLaney, John Jefferson	B. A.	Ben Lomond	Hill Hall
Ellis, Forrest	B. A.	Fayetteville	104 N. College

Name.	Course.	Post Office.	Boarding Place.
Farish, Myrtie	B. A.	Morrilton	Carnall Hall
Ford, David Lane	B. A.	Cecil	Buchanan Hall
Gibson, Ruby	B. A.	Pine Bluff	Carnall Hall
Gibson, Rupert Campbell	B. A.	Berryville	Hill Hall
Gibson, William Bertram	B. A.	Berryville	Hill Hall
Goodwin, Julia	B. A.	El Dorado	Carnall Hall
Greathouse, Ollie	B. A.	Johnson	227 N. School
Grubbs, William Wyley	B. A.	Wilmar	Buchanan Hall
Hawkins, Frank Cleyburn	B. A.	Rogers	Buchanan Hall
Hixson, H. Guy	C. E.	Paris	Gray Hall
Holtzelaw, Hannan H.	B. S. A.	Vineyard	Mrs. Nolond's
Huntley, Philip Conrad	C. E.	Kirkland	Buchanan
Hurt, Garland	B. A.	Newport	East Street
Jernigan, William James	B. A.	Charlotte	Buchanan
Keeney, Marie	B. A.	Fayetteville	Dickson
Lambert, Estern Russell	B. S. C.	Monticello	Dickson
Leister, Leroy Bismark	B. A.	Fayetteville	S. West St.
Machen, Jewell	B. A.	Magnolia	Carnall Hall
Miller, Myrtle	B. A.	Fayetteville	219 Block
Mitchell, Ara Evelyn	B. A.	Fayetteville	W. Center St.
Moore, George Jacob	B. A.	Bentonville	Ark. Ave.
Murphy, Wallace Carl	B. A.	Ft. Smith	Gray Hall
McCulloch, Hugh	B. A.	Little Rock	32 N. College
McDonald, Jesse Conner	B. S.	Augusta	410 Church
McNeil, Ralph A.	C. E.	Rector	Gray Hall
McNemer, Phil	B. A.	Little Rock	Gray Hall
Nelson, John William	C. E.	Mathis, Texas	Gray Hall
Nelson, Willis Wickliffe	B. S. A.	Muskogee, Okla.,	113 W. Lafayette
Nesbit, William Edward	B. A.	Fayetteville	420 N. College
Nelson, Elizabeth	B. A.	Muskogee, Okla.	Carnall Hall
Norton, Delbert Austin	B. A.	Little Rock	121 W. Dickson
Nunn, Lucy	B. A.	Monticello	Carnall Hall
Oates, Max Bruce	B. S. A.	Fayetteville	N. W. Univ. Farm
Pulley, Cameron Hartwell	B. A.	Fayetteville	N. Block St.
Read, Alice Johnston	B. A.	Fayetteville. Cor. Read & York Ave	
Revel, John William	B. S. C.	Augusta	E. Dickson
Rhodes, Charles Robert	E. E.	Osceola	Gray Hall
Rhodes, Joseph Wicks, Jr.	B. A.	Osceola	Gray Hall
Ross, Sam I.	M. E.	Fayetteville	727 Douglass
Sherrill, John Albert	B. A.	Little Rock	300 W. Center
Shipley, John LeRoy	B. A.	Booneville	Gray Hall
Snell, Merrill Foster	C. E.	Fayetteville	820 Douglass
Spencer, Aileene	B. A.	Monticello	Block St.
Thompson, Ross E.	E. E.	Heber	Hill Hall
Tillman, Fred Allen	B. A.	Fayetteville	420 N. College
Trent, Bess M.	B. A.	Fayetteville	218 N. Church
Tucker, Justin Randolph	B. S. A.	Fayetteville	Home
Warterfield, Elign Arnold	B. A.	Holdenville, Okla.,	Buchanan Hall
Watkins, Guy A.	C. E.	Fayetteville	213 N. College
Westbrook, Howell Lane	B. A.	Pine Bluff	Gregg House

Name.	Course.	Post Office.	Boarding Place.
Williamson, Treuman Dale	E. E.	Springdale	
Wilson, Chas. Newton	C. E.	Cabot	Buchanan Hall
Winfrey, Lewis Edgar	B. A.	Rudy	Buchanan Hall
Womack, Richard Elwood	B. A.	Centerton	430 Vandeventer
Woods, John Eowell	B. A.	Yellville	Buchanan Hall
Wootton, Leonard Luther	B. A.	Mena	Buchanan Hall
Yowell, James	B. S. A.	Gallatin, Tenn.	614 Ida Ave.
Total, 76.			

Sophomores.

Name.	Course.	Post Office.	Boarding Place.
Allen, Estes	B. A.	Lonoke	300 W. Center
Arnold, Jesse G.	B. A.	Fayetteville	Buchanan Hall
Atkinson, James Harris	B. A.	Bodeaw	W. Dickson
Austin, J. B.	B. A.	Gravette	Buchanan Hall
Badenelli, Eugene Bard	C. E.	Wynne	511 Willow
Bailey, Pat Wilson	B. A.	Warren	Gray Hall
Barrett, Arthur James	B. A.	Jonesboro	Buchanan Hall
Bennett, Fred	C. E.	Benton	502 Washington
Binkley, Ralph Johnson	E. E.	Little Rock	529 W. Dickson
Blair, James Hardy	C. E.	Decatur	Buchanan Hall
Blair, Sam T.	C. E.	Decatur	Buchanan Hall
Bledsoe, John Lewis	B. A.	Lacrosse	Buchanan Hall
Boles, Charles B.	M. E.	Fayetteville	20 N. East St.
Brown, Eleanor	E. E.	McCurtain, Okla.	Carnall Hall
Burn, Farrar Angelo	C. E.	Fayetteville	220 Maple
Campbell, Madge	B. A.	Fayetteville	420 E. Lafayette
Campbell, Sylvester	B. A.	Fayetteville	420 E. Lafayette
Campbell, William Gordon	E. E.	Fayetteville	420 E. Lafayette
Carnes, Mary Guyon	E. E.	Fayetteville	Carnall Hall
Carter, Nina	E. E.	Durham	15 Leverett
Cheever, Louise	B. A.	Richmond	Carnall Hall
Childress, Mary Virginia	B. A.	Fayetteville	312 College
Cole, Kenneth Elmore	E. E.	McAlister, Okla.	Gray Hall
Cook, G.	M. E.	Fayetteville	
Cook, James Frank	B. S. C.	Fayetteville	J. M. Cook's
Cook, Joe E. Jr.	E. E.	Texarkana	367 Gregg
Cook, Stewart Monroe	B. S. A.	Fayetteville	
Curl, May	B. A.	Monticello	Carnall Hall
Cory, Flora	E. E.	Van Buren	Carnall Hall
Crawford, Henry Vance	E. E.	Little Rock	Buchanan Hall
Crook, Clarence B.	M. E.	Newport	E. Dickson
Davis, Raymond Lee	B. A.	El Paso	W. Dickson
Davis, Olga	E. E.	El Paso	W. Dickson
Davis, Opal	E. E.	El Paso	W. Dickson
DeLongy, Howard Clifford	C. E.	Mena	Gregg House
Devin, Paul Thomas	M. E.	Kansas City	Switzler House
Dewitt, Francis	B. A.	Harrisonville, Mo.	Carnall Hall
Dickinson, Clermont	B. S. C.	Horatio	Buchanan Hall

Name.	Course.	Post Office.	Boarding Place.
Dodd, Bess	I. I.	Russellville	207 N. College
Dodd, Corinne	I. I.	Russellville	207 N. College
Doxey, William P.	C. E.	Berryville	Gray Hall
Eason, Herman	I. E.	Fayetteville	Home
Evatt, Hassie	I. I.	Waldron	Carnall Hall
Falconer, Helen	B. A.	Ft. Smith	Gregg House
Ferguson, Olive James	B. A.	Havana	Buchanan Hall
Fletcher, George Baird	B. A.	Lonoke	300 W. Center
Freeman, John D. Jr.	B. A.	Allene	Hill Hall
Freeman, Thomas Burnett	B. A.	Marianna	Gray Hall
Gardner, Powell B.	B. A.	Tuckerman	Buchanan Hall
Gee, Charles	B. A.	Camden	Gregg House
George, F. J.	B. A.	Alpha	Gray Hall
Goodbar, Joseph Earnest	B. A.	Charleston	Hill Hall
Goodner, Clide Erie	B. A.	Oden	Gray Hall
Goodwin, Roy Chandler	B. A.	El Dorado	Gray Hall
Goree, Victoria	B. A.	Pine Bluff	207 N. College
Gough, Ivor	B. M. I.	Dublin, Ireland	17 Hill
Gould, Roy William	I. I.	Pine Bluff	Gregg House
Graham, Bess Jane	I. I.	Springdale	424 Willow
Graham, Simond Burr	I. I.	Rich Mountain	537 Leverett
Graybill, Fay Laughlin	B. A.	Fayetteville	202 W. Lafayette
Gregg, Alfred Welch	I. I.	Fayetteville	308 Washington
Grundy, Archibald	B. A.	Fayetteville	Home
Hall, Julien	B. A.	Fayetteville	212 East St.
Hon, Lucy	B. A.	Ft. Smith	Carnall
Huxtable, William Guerey	C. I.	Blytheville	Gray Hall
Irby, Lizzie	I. I.	Newport	303 W. Dickson
Isom, James Randolph	B. A.	Jonesboro	York St.
James, Clifton R.	B. A.	Tuckerman	
Jefferson, G. F.	B. A.		
Joiner, Lillian	I. I.	Magnolia	Carnall
Jordan, Florence	B. A.	Fayetteville	17 Hill
Kantz, Willie	B. A.	Fayetteville	
Keck, Henry Manford	I. I.	Gravette	Hill St.
King, William Dawson	C. I.	Little Rock	Buchanan Hall
Knox, Virginia Densmore	B. A.	Monticello	Carnall Hall
Koser, William Aubrey	I. I.	Marion	Buchanan Hall
Kuntz, Gladys	B. A.	Fayetteville	N. West Univ.
Lacer, Thomas Samuel	B. A.	Clarksville	Switzler House
Lee, Shelby H.	C. I.	DeQueen	Buchanan Hall
Maguire, Audie	I. I.	Fayetteville	370 Ark. Ave.
Maguire, Nellie	B. A.	Fayetteville	370 Ark. Ave.
Mardis, Paul Lester	B. A.	Clarksville	Switzler House
Martin, Herbert Bradley	B. A.	Warren	Gray Hall
Mendenhall, Caroline	B. A.	Fayetteville	435 Washington
Metcalf, Dayton Preston	I. E.	Elk City, Kas.	Gray Hall
Mickell, Bertha Lenora	I. I.	Van Buren	Carnall Hall
Milford, Clenton George	C. E.	Ben Lomond	Buchanan Hall
Miller, Henry Grady	B. A.	Lonoke	300 W. Center

Name.	Course	Post Office.	Boarding Place.
Mitchell, George Washington	C. E.	Greenway	Gray Hall
Mitchell, Solon Biffle	B. S. C.	Greenway	Gray Hall
Moreland, Claud M.	E. E.	Jonesboro	Gray Hall
Morgan, William Graves	C. E.	Magnolia	Hill Hall
Moon, Van Tyson	C. E.	Kirkland	Buchanan Hall
Mustain, Asa Boydstan	L. I.	Tontitown	Hill Hall
McAmis, Waldo Register	B. A.	Fayetteville	Home
McAndrews, John Marshall	C. E.	Bentonville	Gray Hall
McCullough, Edgar Hassell	B. A.	Little Rock	32 N. College
McGill, Irwin	B. A.	Camden	74 Douglass
McSpadden, Thomas Theodore	B. S. C.	Chelsea, Okla.	17 Hill
Niemeyer, Fred William	B. A.	Little Rock	College Ave.
Norman, Oliver Prince	B. S. C.	Hamburg	502 Washington
Cates, John F.	L. I.	Fayetteville	
Oates, Max Bruce	B. S. A.	Fayetteville	N. West Univ. Farm
Overholt, Anna Helen	L. I.	Fayetteville	North City
Patton, Aaron Pinckney	B. A.	Archey	Gray Hall
Phillips, Mack Rogers	B. A.	Gravette	Buchanan Hall
Philpot, Eugene M.	C. E.	Pine Bluff	Gregg House
Price, Albert	B. M. E.	Pineville, Mo.	Gray Hall
Plemmons, Lee R.	C. E.	Oden	Gray Hall
Porter, Henry Otis	B. S. A.	Fayetteville	North City
Porter, Ray Eldison	L. I.	Fordyce	Gilbert House
Pye, Walter David	C. E.	Little Rock	Buchanan Hall
Reed, John Alvis, Jr.	C. E.	Fayetteville	304 College
Reed, Kate	L. I.	Springdale	219 N. Church
Ross, William Browning	B. A.	Okolona	Gray Hall
Ryan, Maud E.	L. I.	Hot Springs	Carnall Hall
Rye, William Gordon	E. E.	Russellville	Gray Hall
Shipley, Robert Earl	C. E.	Booneville	Gray Hall
Smith, Fred	B. A.	Stephens	Gray Hall
Southmayd, Laban Howell	B. A.	Van Buren	Dickson St.
Sutton, Beulah	B. A.	Fayetteville	121 W. Dickson
Tidball, Sue	B. A.	Fayetteville	115 Duncan St.
Turner, Sterling Aubry	B. A.	Hardy	121 W. Dickson
Vanderslice, Alma	L. I.	Willow	Lafayette
Wahseetah, Clara	L. I.		
Wasson, Proctor	C. E.	Smithville	Buchanan Hall
Wheeler, Samuel Burke	L. I.	Fayetteville	
White, Felix S.	E. E.	Fayetteville	523 Willow
White, Pearl	B. S.	Fayetteville	523 Willow
Williamson, Ernest Russell	B. A.	Tuckerman	Buchanan Hall
Wilson, William Albert	L. I.	Hampton	Gray Hall
Womack, William Vance	B. A.	Centerton	U. of A. Greenhouse
Wood, Corrina Susan	B. A.	Ft. Smith	Carnall Hall
Young, Ovid	B. A.	Booneville	207 N. College
Zeigler, Ella May	B. A.	Harrison	Carnall Hall
Total, 135.			

Freshmen.

Name.	Course.	Post Office.	Boarding Place.
Abbott, Thomas Oscar	B. A.	Newman	Gray Hall
Alcorn, Meritt Oakney	L. I.	Big Flat	Buchanan Hall
Allen, Benjamin Franklin	C. E.	Heber	Gray Hall
Alphin, Julius Hendrick	B. A.	El Dorado	Gray Hall
Anderson, David Oscar	B. A.	Lake Creek, Tex.	Mill Saps
Armitage, Joseph Gordon	B. A.	Harrison	Mrs. Baker's
Ashley, John C.	B. A.	Violet Hill	Buchanan Hall
Bagley, Henry Stuart	E. E.	Little Rock	Hill Hall
Baker, Alice Ophelia	L. I.	Berryville	357 N. College
Barnett, Thomas Jackson	E. E.	Eureka Springs	17 Hill
Barrett, Arthur James	B. S.	Jonesboro	Buchanan Hall
Barton, David Ralph	B. A.	Jonesboro	113 W. Lafayette
Basham, Leftridge	B. M. E.	Little Rock	228 W. Center
Bassett, James Washington	B. A.	Elkins	Mrs. Carter
Beardsley, Joseph M.	C. E.	Gentry	629 W. Dickson
Bell, Clifford Harry	E. E.	Hot Springs	17 Hill St.
Black, Kate Elizabeth	L. I.	Fayetteville	704 Frisco
Black, Lanie George	C. E.	Corning	1004 W. Center
Blakemore, William Allen	C. E.	Prairie Grove	Buchanan Hall
Bond, Sterling P.	B. A.	Little Rock	735 Dickson
Bowen, Samuel Clay	B. A.	Bentonville	Croxdale
Bradford, Clarence Grey	B. A.	West Point	Buchanan Hall
Brockman, Donna Belle	B. A.	Garnett	Carnall Hall
Brown, Frank	B. M. E.	Nelson, Okla.	213 N. College
Brown, John A.	B. A.	Nelson, Okla.	213 N. College
Buck, William Robert	C. E.	Fayetteville	Home
Bumpass, Edward Kenneth	E. E.	Fayetteville	Sutton & Willow
Bullock, William Lafayette	C. E.	Ft. Smith	206 W. Dickson
Burgin, William Dickerson	E. E.	Fayetteville	224 W. Meadows
Burnside, Mollie A.	B. A.	Hillsboro	Carnall Hall
Buckley, Virgil Brown	C. E.	Rogers	17 Hill
Brown, Clifford J	C. E.	Rison	Gray Hall
Byrne, Lawrence Hamilton	B. A.	Texarkana	Sutton's
Byrnes, Bernie	E. E.	Fayetteville	228 E. Lafayette
Carden, Willie M.	B. A.	Malvern	712 W. Maple
Carruth, Robert Hill	B. A.	Warren	Mrs. Tilley
Carter, Moda Mae	L. I.	Clinton	
Carter, Opie Read	L. I.	Paris	Ballard's
Cazort, William Lee	B. A.	Lamar	360 Arkansas
Chandler, Perry Earl	C. E.	Siloam Springs	
Clapp, Clarence D.	E. E.	Wichita Falls, Tex	17 Hill
Conaster, Raymond Charles	E. E.	Ozark	325 W. Lafayette
Couch, Nellie Steel	B. A.	Magnolia	Carnall Hall
Cook, James Frank	B. A.	Fayetteville	J. M. Cook's
Cook, James D., Jr.	B. M. E.	Texarkana	121 W. Dickson
Cook, Sterling Dempsey	L. I.	Allene	Buchanan Hall
Cooper, Eunice Nancey	L. I.	Magnolia	Carnall Hall
Craven, Ruby	B. A.	Paris	

Name.	Course.	Post Office.	Boarding Place.
Creekmore, Steven Wheeler	B. A.	Van Buren	23 N. College
Croxdale, Bess	L. I.	Springdale	703 W. Dickson
Croxdale, Helen Edith	L. I.	Springdale	703 W. Dickson
Cypert, Alfred Boyd	B. A.	Little Rock	727 Douglass
Davis, Don Raleigh	B. A.	Lowell	Gray Hall
Davis, Henry Albert	B. A.	Marcella	Gray Hall
Davis, John	E. E.	Lee's Summit, Mo.	
Davis, Evan Dickson	E. E.	Magnolia	537 Leverett
Deel, William Levy	B. A.	Amity	Gray Hall
Dean, Charles Vaula	E. E.	Fayetteville	G. F. Dean's
DeBerry, Thomas Arthur	B. A.	Bogata, Tex.	Hill Hall
Dickerson, Benjamin Franklin	M. E.	Little Rock	Prof. Ramsey's
Diffey, Harry Theodore	M. E.	Ft. Smith	763 W. Dickson
Dodson, Harold Chandler	C. E.	Harrison	434 N. College
Dollarhide, William Freeman	E. E.	Foreman	Hill Hall
Douglass, Allen M.	B. S. C.	Fayetteville	Willow St.
Douglass, Charles Howard	E. E.	Pocahontas	162 Hill
Dorough, William Thomas	B. A.	Little Rock	Buchanan Hall
Dowell, Grace	L. I.	Fayetteville	Carnall Hall
Dowell, Taylor G.	B. A.	Tuckerman	College Ave.
Duke, Sidney Walker	M. E.	Prescott	Bates
Dyer, Jennie Rebecca	B. A.	Fayetteville	W. H. Dyer's
Eagle, Hugh	B. A.	Bellefonte	Gray Hall
Eagle, John D.	B. A.	Bellefonte	Gray Hall
Edwards, Francis Miller	B. A.	Texarkana	121 W. Dickson
Elliott, Holderness	B. A.	Fordyce	Gray Hall
Ellis, Oscar F.	C. E.	Fayetteville	312 W. Lafayette
Ethridge, Y. W.	B. A.	Hamburg	15 N. Duncan
Evans, Daniel Jackson	C. E.	Gulkey	Gray Hall
Fleeman, Lulu	B. A.	Ozark	Carnall Hall
Fleming, Bert	B. M. E.	Hot Springs	Gray Hall
Fogleman, John Franklin	C. E.	Fogleman	Prof. Dunn's
Ford, Ben Bradford	E. E.	Helena	Gray Hall
Fowles, Roy Byran	B. A.	Pine Bluff	27 Hill St.
Forhand, Otto O.	B. A.	Booneville	206 N. East
Futrell, Irma Kate	B. A.	Stephens	Carnall Hall
Gandhi, Jaswant Rai	M. E.	Multan City, Punjab, India,	Gray Hall
Gardner, Andrew Goolsby	B. A.	Ft. Smith	
Garvin, Lula	B. A.	Harrison	Carnall Hall
George, Ina Lester	L. I.	Havana	Gray Hall
Glass, Thomas Edgar	C. E.	Fayetteville	125 Lafayette
Glass, Lisle	L. I.	Fayetteville	125 Lafayette
Goodwin, William Lynn	B. A.	El Dorado	Gray Hall
Green, Thomas Andrew	B. A.	Mineral Springs	Gray Hall
Guynes, William Maurice	E. E.	Siloam Springs	Prof. Moore's
Hallman, K. E.	C. E.	Ben Lomond	Buchanan Hall
Harrell, Nick	C. E.	Lewisville	Gray Hall
Hall, Charles Leverett	C. E.	Montrose, Mo.	
Hall, Milford Zachory	B. A.	Mulberry	Dormitory

Name.	Course	Post Office.	Boarding Place.
Hatchett, Marvin Pearce	I. I	Archey	Hill Hall
Hesterly, Bertha	Musie	Prescott	Carnall Hall
Highfill, Robert Davis	B. A	Argenta	
Hines, Lillian M.	B. A	Eureka Springs	Carnall Hall
Hill, Kathryn O.	B. A	Hot Springs	Lafayette Ave.
Harley, Henry Paul	F. E	Paris	Mrs. D. W. Wolf's
Harris, Mary Eutha	B. A	Fayetteville	305 Washington
Hartney, Raymond Pierre	B. A.	Muskogee, Okla.	Hill Hall
Haskell, James Miller	E. E	Muskogee, Okla.	113 W. Lafayette
Hatley, Melisa Viola	B. A	Van Buren	Carnall Hall
Hennesy, William Thomas	C. E.	Ft. Smith	Gray Hall
Herbert, Clyde Bandy	I. E	Greenwood	Buchanan Hall
Hodges, James W.	I. I	Quitman	Gray Hall
Hughes, Jack Lewis	B. A	Waldron	Gray Hall
Hughey, Albert Bryson	C. E	Lagrange	Gray Hall
Hulse, Leonard Ross	I. E	Charleston	Hill Hall
Humphrey, Hugh Harrison	C. E	Fayetteville	97 N. College
Irwin, Joseph Chambers	C. E.	Ft. Smith	Gray Hall
Joiner, Jennie M.	B. A	Magnolia	Carnall Hall
Jordan, James K.	B. S. A	Fayetteville	17 Hill
Kemp, James Wallace	I. I	Hot Springs	Gray Hall
Khosla, Ram Kishan	M. E	Ferozpur, Punjab, India,	Gray Hall
King, Walter Cook	C. E	Van Buren	611 Leverett
Kinthead, William	B. A	Ft. Smith	Prof. Philbeck's
Kogy, Ruben Hays	B. A	Van Buren	Mrs. Allison's
Laughinghouse, Fenner	I. E	Ferrest City	325 Highland
Lea, Rowland Adolph	I. E	Fayetteville	229 N. College
LeCroy, Robert E.	B. S. A	Lawrence	Gray Hall
Lee, J. H.	C. E	DeQueen	Gray Hall
Lee, Stanley C.	B. A	Benton	Gray Hall
Leigh, William W.	M. E	Little Rock	Bates'
Lindsey, Grover S.	B. A	Bentonville	Croxdale's
Lipe, Ada Lois	I. I	Hobart	Carnall Hall
Littleton, Hazel C.	I. I	Eureka Springs	Carnall Hall
Longine, Luther Alvin	I. E	Magnolia	537 Leverett
Lueker, Trougott Frederiek	B. A	Dover	Lafayette Ave.
Lynch, Ralph V.	B. A	Clarendon	Washington Ave.
Lyon, Bess	L. I	Lockesburg	Carnall Hall
Marks, James Alford	B. A	Springdale	
Mayo, Bena A. Jr.	C. E	Merrilton	Mrs. C. M. Oliver's
Metcalf, Clyde Hill	B. S. C	Horatio	Buchanan Hall
Wilam, Edna Mae	Musie	Fayetteville	Home
Miller, Myrtle	B. A	Fayetteville	219 Black
Miser, Cora Dot	B. A	Rogers	Carnall Hall
Mitchell, W. F.	I. E	Harrison	Gray Hall
Moore, Harris	C. E	Fayetteville	735 W. Dickson
Moore, Norman Price	B. A	Fayetteville	23 N. College
Moore, Wayne H.	M. E	Hot Springs	Gray Hall
Morehead, Lelia	B. A	Hot Springs	Carnall Hall
Morgan, Berry Clarice	B. A.	Winslow	Carnall Hall

Name.	Course.	Post Office.	Boarding Place.
Morgan, Elma	B. A.	Stephens	Carnall Hall
Morris, Ben Burns	B. A.	England	17 Hill
Morris, George E.	B. A.	England	17 Hill
Morton, Julia	B. A.	Fayetteville	Home
Murphy, Patt	B. A.	Orlando	Buchanan Hall
McCain, Dolph	B. A.	Monticello	Carnall Hall
McCartney, Marie	B. A.	Fayetteville	College Ave.
McCartney, Mary I.	B. A.	Fayetteville	College Ave.
McCartney, Ralph L.	E. E.	Fayetteville	17 North Block
McClain, Arthur	B. S. C.	Mena	727 Douglass
McCluer, Samuel M.	E. E.	Fayetteville	404 Maple
McCollum, Albert	B. A.	Atkins	Gilbert House
McCoy, Helen	L. I.	Fayetteville	North of U. of A.
McGraw, Tom Dan	B. A.	Altus	Millsap's
McKinney, Geo. F.	B. S. A.	Harrison	Gray Hall
McNeil, John C.	E. E.	Magnolia	537 Leverett
Nelson, John Pruett	B. A.	Muskogee, Okla.	
Norris, Claire	B. A.	Hamburg	Carnall Hall
Oliver, Nora Cathrine	L. I.	Eureka Springs	370 Arkansas
Olmstead, Fred E.	E. E.	Hot Springs	Gray Hall
Outlaw, Maud	L. I.	Rector	Carnall
Overhold, Marguerite	B. A.	Fayetteville	D. R. Overholt's
Page, Elizabeth May	L. I.	Winslow	214 E. Lafayette
Paine, Benson Price	B. A.	Van Buren	Mrs. Allison's
Pape, Charles Andrew	B. A.	Van Buren	735 W. Dickson
Pape, Sophia	B. A.	Van Buren	23 College
Patrick, Katie	L. I.	Paris	402 N. College
Peoples, St. Clair Joseph	C. E.	McGehee	340 Arkansas
Peel, Dave Walker, Jr.	B. A.	Bentonville	W. Dickson St.
Percival, James Murry	E. E.	San Antonio, Tex.	735 W. Dickson
Plunkett, Ralph	B. S. C.	Little Rock	Dr. Johnson's
Porter, Henry Otis	B. S. A.	Fayetteville	N. of City
Powell, Joe Davis	B. A.	Bentonville	Gregg
Puntney, James Free	L. I.	Carnerville	Dormitory
Ragon, William Alfred	B. A.	Clarksville	Switzer House
Reed, Maggie	B. A.	Johnson	115 W. Dickson
Reed, Ollie Margaret	L. I.	Springdale	219 N. Church
Rennick, Roy Lee	M. E.	Fayetteville	W. W. Rennick's
Rettig, John Wilson	C. E.	Bentonville	Mrs. Tilley's
Rhea, Powell McClellan	B. M. E.	Fayetteville	Dickson
Rice, Jeff	B. A.	Bentonville	703 W. Dickson
Rice, James Horner	C. E.	Little Rock	Dr. Johnson's
Richards, Wanda	B. A.	Fayetteville	East of City
Rider, Ernest B.	B. S.	Hot Springs	Gregg House
Roleson, Edward Brookfield	B. A.	Jonesboro	629 W. Dickson
Rogers, Ora F.	L. I.	Fayetteville	
Rorie, George Chilles	B. A.	Retreat	Hill Hall
Ross, Gus Littlejohn	B. A.	Okolona	Gray Hall
Sample, Charley M.	B. A.	El Dorado	Gray Hall
Sanders, Ethel D.	L. I.	Southwest City, Mo.	332 St. Charles

Name.	Course.	Post Office.	Boarding Place.
Sankee, Patti	B. A.	Fayetteville	369 N. Gregg
Savage, Dwight Leland	B. A.	Carlisle	
Sedwick, Benjamin Franklin	C. I.	Fayetteville	Home
Shook, Charles Harmon	C. E.	Fayetteville	Gray Hall
Sims, Mary	B. A.	Harrison	Carnall Hall
Slaughter, Dessu	B. A.	Springdale	424 Willow
Smith, Minnie Lee	B. A.	Roseville	Carnall
Smith, Myron Francis	I. I.	DeQueen	Gray Hall
Smith, Roy Dallas	B. A.	Yellville	Gray Hall
Smith, Raymond Guy	I. I.	Charleston	Hill Hall
Smith, Roy	B. A.	Stephens	Gray Hall
Smith, William Kate	B. A.	Malvern	Buchanan Hall
Stamps, Clyde Earl	I. I.	Van Buren	Mrs. Ballard's
Starnes, John Threlseid	B. S. A.	Weldon	Gray Hall
Starkey, John	B. A.	Eureka Springs	Dickson
Stephens, Harry Dowell	B. S.	Newport	Gray Hall
Stoak, Sydney Stevenson	C. I.	Ft. Smith	Gray Hall
Stone, Mattie	I. I.	Waldron	Carnall
Stroup, Almond	I. I.	Fayetteville	Maple
Sykes, Arthur Jordan	C. I.	Prescott	803 W. Dickson
Thomas, Maud	I. I.	Magnolia	603 Leverett
Thompson, Clark G.	I. I.	Ft. Smith	Gray Hall
Thompson, Ethel May	B. A.	Decatur	Rev. Lawson's
Thompson, Sam Alexander	B. S.	Stephens	Buchanan Hall
Tilley, Robert F.	I. I.	Fayetteville	Duncan
Tompkins, Charles Herbert	C. I.	Prescott	803 W. Dickson
U'ley, Francis Aurora	I. I.	Hobart	Carnall Hall
Vaughan, Rosebud Mabel	I. I.	Lockesburg	Carnall Hall
Veazey, Julia	B. A.	Dardanelle	540 Whitham
Vestal, Mammie Lelitia	I. I.	Stattler	Carnall Hall
Wagley, Joseph Marvin	I. I.	Harrison	Gray Hall
Wasson, Joe	C. I.	Smithville,	Buchanan Hall
Watkins, Grover	B. A.	Mt. Ida	Gray Hall
Webb, Joseph Watson	I. I.	Martinville	924 Maple
Welch, Erastus	C. I.	Mena	727 Douglass
White, Mary Francis	B. A.	Paris	A. J. Harley's
Wheat, Ila	I. I.	Lonoke	DeSham's
Whitty, Anna Stella	B. A.	Piney	621. Leverett
Whitty, Emily Nora	I. I.	Piney	621 Leverett
Wilkerson, Samuel C., Jr.	I. I.	Morrilton	Mrs. Moore's
Williams, Carrie Marie	I. I.	Fayetteville	820 Douglass
Williams, James P.	B. A.	Fayetteville	348 Washington
Williams, John Montague	B. A.	Ft. Smith	Church Street
Williams, Walter Quincy	I. I.	Brentwood	
Willis, John Edward	B. S.	Little Rock	Buchanan Hall
Wilson, James Henderson	B. A.	Bradford	201 South West
Wilson, McDonald H.	B. A.	Fayetteville	
Wilson, Thomas Cobb	B. A.	Washington	Gray Hall
Wise, Emma F.	I. I.	Gravett	College Ave.
Wolf, Guy Walker	B. A.	Summit	Gray Hall

Name.	Course.	Post Office.	Boarding Place.
Woods, Frederick Davis	B. A.	Evening Shade	Gray Hall
Wooldridge, Harry Tucker	B. A.	Pine Bluff	Gregg House
Vickers, Roy H.	B. A.	Fayetteville	
Yocum, Henry Scott	B. A.	El Dorado	746 Douglass
York, Otis	B. A.	Harrison	Oriental Hotel
Yowell, Wilson Lewis	B. A.	Mansfield	
Total, 253.			

Special.

Name.	Post Office.	Boarding Place.
Bell, Mabel C.	Fayetteville	
Bils, Alvin Forrest	Sulphur Springs,	Gray Hall
Benson, Maydelle	Fayetteville	E. City
Boone, Daniel M.	Lonoke	300 W. Center
Brownson, Sarah E.	Fayetteville	Cemetery St.
Bryan, Zella	Fayetteville	111 East St.
Carroll, Mrs. Chas. G.	Fayetteville	324 N. College
Creekmore, Margaret	Van Buren	23 N. College
Feldt, Louisa	Fayetteville	N. College Ave.
Hamby, Irma	Prescott	Carnall Hall
Johnson, Proctor F.	Eureka Springs	17 Hill
Lawson, Lillian	Fayetteville	433 N. College
Lee, Jessie Page	Eureka Springs	207 N. College
Loyd, Lilye	Blue Mountain	104 N. College
Mitchell, Monte	Harrison	Dickson St.
McLoughlin, Clifford L.	Toltec	300 W. Center
Neelly, Irma	Fayetteville	213 N. Church
Nelson, William W.	Muskogee, Okla.,	113 W. Lafayette
Philip, Stanley	Ft. Pierre, S. D.	Gray Hall
Pitchford, James Irwin	Tahlequah, Okla.	Gray Hall
Rader, Hattie	Fayetteville	723 Douglass
Rife, Lula Mauld	Centerton	Carnall Hall
Shore, Rena	Fayetteville	317 N. College
Sutton, E lith	Fayetteville	121 W. Dickson
Thurston, Monte	Rector	Dickson St.
Utley, Cora	Hobart	Carnall Hall
Vestal, Grace Beryl	Stattler	Carnall Hall
Webber, Jake B.	Texarkana	300 W. Center
Wheeler, Eula	Fayetteville	J. N. Wheeler
Wilkes, William N.	Augusta	Gray Hall
Wilson, James C.	Little Rock	Gregg St.
Wilson, Mary Dunklin	Fayetteville	124 S. Church
Wood, Anne Margaret	Van Buren	Dickson St.
Wood, Edith Danly	Ft. Smith	Carnall Hall
Woodruff, Ethel	Rhea	W. Dickson St.
Total, 35.		

SHORT COURSE IN MECHANICAL ENGINEERING.

Name.	Post Office.	Boarding Place.
Barrett, Joseph E.	Jonesboro	113 W. Lafayette

Barton, Herbert Wells	Searcy	Buchanan Hall
Baxendale, John	Lehigh, Okla.	Fuckran Hall
Greenwood, William C.	Paris	Buchanan Hall
Irving, Arthur	Morrilton	
Lindsay, Herbert Spencer	Shady Point, Okla.	Gray Hall
McMillan, Fred L.	Fayetteville	
Parell, Earl Wakeman	Cane	
Pyeatt, John	Cane Hill	York St.
Strahan, Hubert	Lafore, Okla.	Hill Hall
Webb, Robert Lee	Itasca, Texas	649 W. Dickson
Williams, Robert S.	Foreman	
Total, 12.		

SHORT COURSE IN ELECTRICAL ENGINEERING.

First Year.

Name.	Post Office.	Boarding Place.
Alford, Will Lee	Grady	Gray Hall
Baum, Elias J.	Fayetteville	337 N. College
Cheek, Ben	Pine Bluff	537 Leverett
Carter, Witt	Durham	675 Leverett
Herbert, Harry Lee	Greenwood	Buchanan Hall
Isnaes, Byrd R.	Noble Lake	
Joplin, Thell	Hot Springs	
Lee, Joseph Marvin	Dallas, Texas	Buchanan Hall
Martin, Robert Murry	Fayetteville	Home
Pitman, Carl H.	Greenwood	Gray Hall
Sanders, Harold	Southwest City, Mo.,	212 N. Church
Spillman, William Guy	Paragould	Gray Hall
Saulie, Charles D.	Leslie	Gray Hall
Wiggins, Presly Ricks	Fayetteville	

Second Year.

DeBerry, Henry Drew	Bogata, Texas	Hill Hall
Ellington, Thomas Berry	Booneville	Gray Hall
Nutt, Walter	Fordyce	Gray Hall
Bowen, Arthur W.	Osceola	Gray Hall
Stockberger, Arlin E.	Fayetteville	727 Douglass
Total, 19.		

MUSIC.

Senior.

Name.	Post Office.	Boarding Place.
Peck, Theodora	Fayetteville	702 W. Maple

Sophomores.

Belonte, Viola	Corning	Carnall Hall
Conner, Verna	Fayetteville	N. Washington Ave.

Mastin, Eleanor D.	Fayetteville	N. W. University
Nesbit, Zoie Pauline	Fayetteville	420 N. College
Shannon, Mary	Fayetteville	N. Town
Stroup, Zenia	Fayetteville	Willow & Maple
Williams, Louise	Fayetteville	310 Washington Ave.
Arnold, Lillian	Waco, Texas	Carnall Hall
Bryan, Maude E.	Vian, Okla.	Carnall Hall
Burns, Clara	Hillsboro, Mo.	
Cannon, Margaret	Fayetteville	E. Lafayette
Combs, Bertha	Cotter	Carnall Hall
Combs, Effie	Cotter	Carnall Hall
Cotham, Ruby	Monticello	Carnall Hall
Craig, Pearl V.	Westville, Okla.	Carnall Hall
Gilliland, Myrtle	Knobel	Carnall Hall
Hall, Virginia	Fayetteville	212 East St.
Hesterly, Bertha	Prescott	Carnall Hall
McAdams, Julia	Fayetteville	201 E. Dickson
Sherrod, Mamie	Habberton	Carnall Hall
Stuckey, Margaret	Fayetteville	14 W. Lafayette
Tillman, Kathleen	Fayetteville	420 N. College
Todhunter, Lula Lee	Fayetteville	219 N. Church
Wade, Jessie	Fayetteville	11 West Dickson
Wolf, Bess	Fayetteville	Mt. Nord
Total, 26.		

THE PREPARATORY SCHOOL.

Abbreviations.—A., Arts course, leading to the B. A. course; S., Science course, leading to the B. S. course; E., Engineering course, leading to the Mechanical, Civil, and Electrical Engineering courses; L. I., Teacher's course; Sp., Special course; C., leading to the course in the Conservatory of Music and Arts; Agr., leading to the course in Agriculture.

Second Year Class.

Name.	Cour	Post Office.	Boarding Place.
Andrews, John Allen	1	Siloam Springs	Gilbert House
Austin, Roy Moore	L. I.	Charleston	Buchanan Hall
Baker, Lewis Spalding	E.	Fayetteville	523 Washington Ave.
Baker, Rufus	A.	Pocahontas	17 Hill St.
Bancroft, Donald	E.	Hot Springs	Switzler House
Barton, William Harvey	A.	Cove	Dormitory
Baugh, John Monroe	A.	Junet	Dormitory
Baum, Leah	C.	Fayetteville	337 College Ave.
Beall, Lewis A.	A.	Jacksonville	Dormitory
Bettis, Rena	I. I.	Harrisburg	207 College Ave.
Billingsley, Lee	S.	Prescott	803 W. Dickson
Blackshare, Jennie L.	A.	Rector	4wi N. West St.
Blackshare, Lena	C.	Rector	428 N. West St.
Blair, Edwin Thomas	A.	Van Buren	Gray Hall
Boyd, Benjamin Harrison	E.	Fayetteville	Rock St.

Name.	Course	Post Office	Boarding Place.
Bradley, Du Val		L. Ft. Smith	Gray Hall
Brag, Peter Newport		A Chidester	Buchanan Hall
Brown, Dan Wesley		A Marvel	Gray Hall
Brown, Jessie H.		A McCurtain	Carnall Hall
Brown, Robert Lewis		I Fayetteville	213 N. East St.
Burn, William Robert		A Van Buren	220 Maple
Byler Charles Elbert		S Cane Island	115 School St.
Cahn, Henry E.		I Fayetteville	N. College Ave.
Calhoun, Zachary Thomas		A Olyphant	Gray Hall
Cazort, Guy		S Fayetteville	300 Arkansas Ave.
Corbell, Oscar Martin	L. I	Charleston	Buchanan Hall
Carter Bess		A Fayetteville	Box 43
Carter, Ocie Ola	L. I.	Paris	Carnall Hall
Caudle, Reece A.		A Cartersville	Dormitory
Caudle, Ruben D.		A Cartersville	Dormitory
Chestor Carrol		S Fayetteville	401 School St.
Clark, Ophelia Pauline	L. I	Fordyce	Ella Carnall Hall
Clark, Urban R.		S Fordyce	Dormitory
Compton, Helen		C Wing	Ella Carnall Hall
Cornwell, William Glenn		I Fayetteville	711 W. Dickinson
Cox, Mary J.		A Fayetteville	712 Block St.
Culbreath, Jim		L. Warren	15 N. Duncan
Curlin, Clarence B.		A Tuxedo	314 Scott St.
Davis, John Monroe		I McMurice	325 W. Lafayette Ave.
Davis, Lilah		A Groughton, Ill.	Carnall Hall
Davis, Zemri		A Cravens	Mr. Austin's
Dean, George F.		I Fayetteville	N. W. University
Deelman, Ethel		C Fayetteville	124 Church St.
DeLamar, Frank		A Delark	629 W. Dickson
Denmon, Wm. Floyd		I Prescott	Mrs. White's
Dickson, R. E.		A Walnut Hill	J. J. Henry's
Dinwiddie, James A.		I Fayetteville	728 W. Maple
Dotson, Katie Ella	L. I	Fayetteville	South University
Duncan, William W.		I Westville, Okla.	112 Hill St.
Dyer, C. L.		A Fayetteville	2 Dyer's
Eagle, James Norfleet		A Lonoke	309 W. Center
Earnest, LeRoy		C Ft. Gibson, Okla.,	627 Leverett St.
Echols, Carrol B.		A Ft. Smith	121 W. Dickson
Ellis, Earl		I Fayetteville	109 N. College
Ellison, Clara		A Fayetteville	N. University
Ellison, Ray		I Fayetteville	J. M. Ellison
Ellison, William Lee	S	Fayetteville	
Emory, Houston		A Valley	Hill St.
Eno, Hazel		C Crosses	Rev. McAmis'
Eoff, Lillian Francis		C Harrison	Carnall Hall
Fene, William Joe		A Huntington	629 W. Dickson
Fuller, Lavell		A Hamburg	327 LaFayette
George, Raymond		A Bright Water	J. B. George's
Glass, Myrna	L. I	Fayetteville	125 LaFayette
Goss, Alpha Lloyd		I Fayetteville	217 W. Meadow St.

Name.	Course.	Post Office	Boarding Place
Grady, Eliza	L. I.	Cove	Carnall Hall
Graham, James F.	S.	Springdale	I
Greathouse, Braxton F.	A.	Johnson	227 N. School St.
Greathouse, Herman	Agr.	Johnson	227 N. School St.
Green, George Henry	E.	Auvelle	Dormitory
Greigg, Ann	A.	Van Buren	Mrs. Graybill's
Guthrie, Adam Jr.	S.	Prescott	367 N. Gregg St.
Guthrie, Helen Ray	L. I.	Ozark	Carnall Hall
Hall, Sarah Jane	S.	Holly Grove	Carnall Hall
Hamilton, Andrew Claude	A.	Fayetteville	East & Dickson
Harper, Ethel Louise	A.	Prairie Grove	99 Hill St.
Harris, Anna Martha	A.	Fayetteville	305 Washington Ave.
Harris, C. C.	I. I.	Formosa	629 W. Dickson
Hart, George	I.	Hindesville	
Hedrick, Grace	S.	Fayetteville	N. W. University
Hilson, Jacob Jr.	A.	Pinnacle	Dormitory
Hilt, Emma Francis	A.	Fayetteville	313 LaFayette
Hilt, George W.	E.	Fayetteville	313 LaFayette
Hogue, Effie Lydia	A.	Imboden	School St.
Howell, Ethel Sue	C.	Claremore, Okla.	Carnall Hall
Hudson, Inez	A.	Fayetteville	202 Block St.
Huggins, Thurman	E.	Ozark	Dormitory
Hunter, Faye T.	A.	Mulberry	623 Whitham St.
Hust, Emma	I. I.	Centerton	Prof. Reynolds'
Hutchins, Robert M.	A.	Little Rock	Gray Hall
Jackson, Virginia	S.	Fayetteville	630 Whitham St.
Johnson, Myrtle Edith	A.	Paris	Carnall Hall
Kantz, Nelle	A.	Fayetteville	N. E. University
Kerksieck, Herman	A.	Ulm	600 Whitham St.
Kerley, Ruben C.	I.	Harrison	712 W. Maple St.
Kilgore, Pearl	L. I.	Fayetteville	J. A. Kilgore's
Kilpatrick, Roberta	C.	Malvern	Carnall Hall
Kimbrough, Susie	A.	Fayetteville	
Kimmons, Russel P.	I.	Lowell	Douglas St.
Kincannon, James Hawley	L.	McAlister, Okla.	Gray Hall
King, Arthur	A.	Van Buren	611 Leverett St.
King, Gorman B.	A.	Harmony	17 Hill St.
King, Joe Jet	E.	Little Rock	699 Witham
King, William Earnest	A.	Harmony	17 Hill St.
Kunz, Clifford N.	E.	Fayetteville	General Delivery
Ledbetter, Raymond	I.	Junction City	Dormitory
Lee, William M.	E.	DeQueen	Gray Hall
Lemming, Lydia W.	A.	Waldron	Carnall Hall
Leverett, Fred Percival	L.	Fayetteville	620 Ida Ave.
Lewis, Flavel	I.	Searcy	17 Hill St.
Liddell, Robert Finis	S.	Rector	620 W. Dickson
Long, Larkin Edgar	A.	Foss	Gray Hall
McCartney, Ruth	A.	Fayetteville	340 N. College
McCloud, John Thomas	E.	Winslow	119 University St.
McClure, Robert Dabney	A.	Lincoln	404 W. Maple

Name.	Course.	Post Office.	Boarding Place.
McCoy, Bess Cecelia	A.	Fayetteville	W. J. McCoy's
McCoy, Jessie Marie	A.	Fayetteville	W. J. McCoy's
McCracken, Walter	L.	Huntington	629 W. Dickson
McCuin, Hosea H.	S.	Hazen	Dormitory
McDaniel, Louis	E.	McDaniel	629 W. Dickson
McDearmon, Nora	C.	Weldon	Carnall Hall
McFarlane, Harris	E.	Greenwood	Dormitory
McKinley, Roy	E.	Huntington	703 W. Dickson
McMath, Sula	C.	Magnolia	803 W. Dickson
Marlow, Mattie	L. L.	Fayetteville	508 Prairie Ave.
Martensen, C. C.	A.		115 N. School St.
Meador, Riley	S.	Eureka Springs	17 Hill St.
Medearis, Park Hinde	A.	Westville, Okla.	103 School St.
Mendenhall, Lochie	C.	Fayetteville	435 Washington Ave.
Milam, Walker David	E.	Fayetteville	West Dickson
Milam, Evelyn Celeste	C.	Fayetteville	West Dickson
Milligan, Ruby	A.	Fayetteville	Mrs. Bussey's
Milwee, Robert Miles	E.	Horatio	Dormitory
Mitchell, John E.	A.	Havana	Gray Hall
Moody, Frank	S.	Rison	620 Whitham St.
Moore, Sam William	E.	Cabot	Dr. Reed's
Morris, Josie R.	A.	Van Buren	Carnall Hall
Morris, Richard	A.	Eggar	Buchanan Hall
Morton, Lena	A.	Fayetteville	512 Washington Ave.
Morton, Winnifred	A.	Fayetteville	512 Washington Ave.
Mosley, Brawner	A.	Rison	620 Whitham St.
Murphy, Carlton Abbot	A.	Strong	746 Douglas St.
Murphy, Paul Lewis	A.	Strong	746 Douglas St.
Murphy, Warren	A.	El Dorado	753 W. Dickson
Nixon, Coy M.	A.	Jacksonville	Dormitory
Norbury, Victoria	C.	Fayetteville	117 College Ave.
Oakley, Floy A.	A.	Bentonville	Carnall Hall
O'Neill, Sam Patterson	A.	Randall	Gray Hall
Orrick, Earl	E.	Booneville	Dormitory
Overholt, James E.	A.	Fayetteville	N. University
Pack, Homer D.	A.	Lowell	Gray Hall
Parks, Andrew J.	A.	Marshall	J. S. Bates'
Parsons, Loyd Chandler	A.	Fayetteville	188 Meadow St.
Pearson, Stelle Rowena	L. L.	Fayetteville	537 Leverett St.
Phillips, Belle	L. L.	Calico Rock	Carnall Hall
Phillips, Ida	C.	Calico Rock	Carnall Hall
Phillips, Oteo Earl	S.	Hindsville	Wilson's
Pitman, May	A.	Greenwood	Carnall Hall
Pomeroy, James	E.	Eureka Springs	
Prothro, Earnest W.	A.	Frank	Dormitory
Pyeatt, Mary E.	A.	Cane Hall	C. M. Oliver's
Ramsey, Lewis	A.	Fordyce	Gray Hall
Reed, Bates	A.	Fayetteville	304 College Ave.
Reed, Jack Foster	E.	Fayetteville	Willow St.
Renick, Ethel Louise	L. L.	Fayetteville	W. W. Renick's
Rhodes, Ethel	C.	Crawfordsville	Carnall Hall

Name.	Course.	Post Office	Boarding Place.
De Roulac, Joseph B.		A. Fayetteville	743 W. Dickson
Sanders, David Thomas		A. Dierks	J. J. Henry
Sanderson, Clifford E.		E. Fayetteville	N. University
Sandford, May		C. Waldron	Mrs. Oscar Ellis
Sedwick, Bessie	L. I.	Fayetteville	342 S. Charles St.
Shane, Cecil	A.	Paragould	Bates
Sheffield, Howard Clinton	S.	Lewisville	Buchanan Hall
Sheppard, Ella	S.	El Dorado	Carnall Hall
Shull, Lee V.	S.	Horatio	629 W. Dickson
Simmons, Lloys	A.	Fayetteville	531 Washington Ave.
Smith, Ida	A.	Fayetteville	R. J. Smith
Smith, Lucey	A.	Fayetteville	Watson St.
Smith, Mertie E.	A.	Sidney	934 N. Maple
Snell, Edith	A.	Fayetteville	N. Douglas
Snider, Haskell	A.	Farmersville, Texas	Hill Hall
Southworth, George Quinland	A.	Fayetteville	Dr. Southworth
Southworth, James R.	A.	Fayetteville	Dr. Southworth
Stevenson, R. M.	A.	Paragould	Bates
Strickland, Nora	C.	Hon	Carnall Hall
Suttle, Hugh Dowell	A.	Fayetteville	319 W. Mountain
Sutton, George H.	E.	Fayetteville	121 W. Dickson St.
Sykes, James L.	A.	Richmond	Hill Hall
Tarter, Oscar	S.	DeVall's Bluff	
Tatum, Granville	A.	Booneville	Dormitory
Thomas, Fannie	L. I.	Magnolia	603 Leverett
Thompson, Arthur Grady	A.	Yellville	Gray Hall
Tilley, Irene	S.	Fayetteville	15 N. Duncan
Tomlinson, John B.	A.	Butler	121 W. Dickson
Trice, Cecil	A.	Cotton Plant	Dormitory
Tucker, Mosley Clarence	S.	Fayetteville	S. W. University
Tyson, J. Ardis	A.	Atkins	Buchanan Hall
Valega, Charles H.	E.	El Dorado	West Dickson
Vance, Oliver Preston	A.	Charleston	
Vaughan, Thos. Andrew	A.	Emerson	Gray Hall
Veazy, Mildred	L. I.	Dardanelle	Whitham St.
Volkmer, Leo	E.	Newport	17 Hill St.
Wait, Coleman Charlie	L. I.	Dover	J. J. Henry
Waskom, Jesse Green	A.	Marked Tree	A. J. Ballard
Weaver, Bragg	A.	Hope	
Webb, Elma Lee	L. I.	Martinville	924 W. Maple
Whitty, Emily	L. I.	Fayetteville	621 Leverett
Wiggins, Charles E.	L. I.	Holbert	S. West St.
Williams, Jeff Hoyt	E.	Fayetteville	183 Dickson
Williams, Naomi	L. I.	Winslow	Carnall Hall
Wilson, Allen M.	E.	Fayetteville	522 Maple
Wilson, Fred E.	S.	Evening Shade	Gray Hall
Wilson, Lena M.	L. I.	Fayetteville	Carnall Hall
Wilson, Thomas Reed	E.	Ola	Dormitory
Wilson, Thomas Scott	A.	Carfield	Prof. Ramsey
Wood, Roy	L. I.	Cabot	Buchanan Hall
Woody, William Watson	A.	Fayetteville	346 St. Charles St.

Name.	Course.	Post Office	Boarding Place.
Wooley, Alban		L. I. Huttig	J. M. Lewis
Woosley, Hattie		A. Fayetteville	620 Whitham St
Total, 219.			

First Year Class.

Adams, May	L. I.	Bigflat	Carnall Hall
Aday, Aville Oscar	A.	Marshall	727 Douglas St.
Aikin, Watie T.	A.	Westville, Okla.	112 Hill St.
Alewine, Oscar M.	A.	Atkins	Buchanan Hall
Allen, Annie	A.	Fayetteville	712 W. Maple St.
Allen, Sarah	C.	Vian, Okla.	Carnall Hall
Allison, Martha	C.	Fayetteville	102 School St.
Ambrose, Roscoe	A.	Fayetteville	212 Mission St.
Anderson, Charles Carruth	A.	Nashville	345 Cemetery St.
Anderson, Louis I.	L. I.	Hollywood	345 Cemetery St.
Armstrong, Roy	E.	Fayetteville	R. F. D. 384
Arnold, Meyer L.	A.	Waco, Texas	Gray Hall
Baggett, William Hugh	E.	Fayetteville	403 Washington Ave.
Baird, George Henry	A.	Dover	1004 W. Center
Ball, Samuel Millard	A.	Ravenden	735 W. Dickson
Ballenger, Roscoe Burt	A.	Rover	J. N. Wheeler's
Barnes, Orla Dee	A.	Mountain Grove, Mo.	Infirmery
Barron, William Wilson	A.	Paragould	Gregg St.
Bell, Bonner	E.	Fayetteville	132 E. Spring St.
Bell, Jessie Vista	A.	Hackett	Block St.
Benbrook, Gordon	S.	Fayetteville	223 E. Dickson
Berry, Floy Ellis	S.	Dover	J. J. Henry
Bilyeu, Robert Alexander	A.	Lead Hill	Buchanan Hall
Blackshare, Deane	C.	Piggott	Vandeventer St.
Blackshare, Loehie	A.	Piggott	Vandeventer St.
Blackshare, Wilbur M.	E.	Rector	428 N. West St.
Bledsoe, Henry Watts	A.	Chouteau, Okla.	Bates'
Bledsoe, Sallie M.	A.	Chouteau	J. J. Knoeh's
Bonds, Alfred Bryan	Agr.	Monroe	629 N. Dickson
Bonner, Robert Perry	E.	Centerton	Mrs. Borders'
Bowden, Eldred	A.	Judsonia	409 W. Dickson
Bozarth, Gladys	C.	Fayetteville	339 Washington Ave.
Brewster, Francis	Agr.	Afton, Okla.	Mr. Davies'
Brown, Annie	A.	McCurtain, Okla.	Carnall Hall
Brown, Roscoe Harry	E.	Fayetteville	213 N. East St.
Bryan, Leland	E.	Fayetteville	Mendow & Locust St.
Buckalew, Nora Esteln	L. I.	Slocum	16 S. West St.
Bullock, Thomas Jackson	A.	Dover	J. H. Henry's
Burk, Jay Grover	A.	Meg	Spring St.
Burkhalter, Lawrence	L. I.	Darcey	Ballards
Butler, Perry C.	S.	Mars	Dormitory
Butler, Tella	A.	Witcherville	Arkansas Building
Callahan, Luther	A.	DeQueen	Gray Hall
Callaway, Adison F.	S.	Prescott	B. W. Gregg
Callaway, Thomas J.	E.	Yorktown	327 W. LaFayette

Name.	Course.	Post Office	Boarding Place.
Campbell, George Miller		E. Hope	Palmers
Campbell, Kay		A. Scottsville	T. L. Bates
Cannon, Willie Byrd		E. Fayetteville	
*Cappleman, George D.		E. Little Rock	Gray Hall
Carter, Clara Bell		A. Fayetteville	114 S. School St.
Carter, George B., Jr.		A. Rison	600 Whitham St.
Carter, Von		A. Durham	615 Leverett St.
Cella, Carrie		A. Texarkana	Carnall Hall
Charlesworth, Claud		E. Fayetteville	Willow St.
Choat, Mattie		A. Texarkana	207 College Ave.
Clark, Elery Hardy		S. Goshen	Wilson's
Coker, Raymond W.		E. Tillar	Wheeler House
Cole, Leon R.		E. Sand Lake, Mich.	F. W. Coles
Cook, Eli Thomas		E. Fayetteville	West of University
Cook, Herman		L. Okla.	Dormitory
Cook, Maude		C. Foy	W. of University
Couch, Wylie Park		S. Lonoke	309 W. Center
Cozort, Henrietta		A. Ft. Smith	360 Arkansas Ave.
Cox, Nell		A. Fayetteville	Block St.
Craven, Alberta		A. Fayetteville	346 N. West
Croxdale, Earl		A. Springdale	703 W. Dickson
Crippen, Orilla	L. I.	Foy	South & Church
Croxdale, Everett	A.	Springdale	703 W. Dickson
Culbertson, Roland Reed	A.	Whitefield, Okla.,	325 LaFayette
Daniel, Robert W.	S.	Malvern	Buchanan Hall
Davis, Grover Emanuel	I.	Pendleton	1004 W. Center
Davis, Rachael	A.	Ft. Smith	Carnall Hall
Davis, Thomas L.	S.	Victor	Carnall Hall
Davis, Walter W.	L. I.	Foyil, Okla.	15 N. Duncan
Deaver, Dixie Dupree	L.	Springdale	
Decker, Kiviakivia Leona	A.	Fayetteville	General Delivery
Dever, Florence	A.	Morrison, Okla.	A. M. Davis
Dickson, Earnest	I.	Rogers	Dormitory
Douglass, Margaret	C.	Houston, Texas	613 Willow St.
Duncan, Ada	A.	Sydenham	W. Duncan
Earnest, Albert	S.	Ft. Gibson, Okla.	627 Leverett
Eason, Arthur	I.	Fayetteville	435 Gregg St.
East, Sloan	S.	Okolona	Dormitory
Edmiston, John Thomas	A.	Cane Hill	103 School St.
Eidson, Annie Curry	S.	Fayetteville	409 E. LaFayette
Eidson, Sallie Margaret	A.	Fayetteville	409 E. LaFayette
Eidson, Erin Victoria	C.	Fayetteville	409 E. LaFayette
Ellington, Orin	E.	Magazine	S. C. Stanford
English, Etta Marie	A.	Morrow	Mrs. Ed Watson's
Evans, George E.	L.	Rogers	Frisco St.
Frederick, Duke	E.	Horatio	Dormitory
Frederick, Helen Michal	L. I.	West Fork	710 W. Dickson
Frost, Enid	A.	Fayetteville	520 Washington Ave.
Frost, Eula	A.	Fayetteville	520 Washington Ave.

*Died Jan. 19, 1908.

Name.	Course.	Post Office	Boarding Place.
Fu Qua, Walter Lawrence		S. Gillett	1994 W. Center
Garrett, Edna		S. Porter, Okla.	Carnall Hall
George, Grover		A. Brightwater	J. B. Georg's
Grady, Bettie	L. I.	Cove	Carnall Hall
Gray, Gracy		A. DeValls Bluff	W. Dickson St.
Greathouse, Orlin		E. Johnson	Highland Ave.
Green, John Henry		A. Hope	Dormitory
Green, Will Gillipsie		E. Hope	Dormitory
Gulledge, Luckett E.		E. White	600 Whitham St.
Gulley, Robert Franklin		E. Fayetteville	Country
Hamilton, Samuel Godfrey		E. Emmett	325 N. LaFayette
Hammon, Vernie		A.	
Hanna, John Paul		A. Berryville	Hill Hall
Hannah, Mamie H.		A. Fayetteville	63 Center St.
Harding, Eugene W.		E. Fayetteville	357 Washington Ave.
Harrell, Leamon		A. Whitefield, Okla.	Dormitory
Harrell, Lynne J.		E. Prescott	803 W. Dixon
Harris, Thomas Jackson		S. Lutherville	Dormitory
Hays, Charles		A. Fayetteville	101 N. West St
Hedrick, Gideon		S. Fayetteville	Country
Herrin, Myrtie		A. Baggs, Okla.	Dr. Ellis
Hervy, Abner		A. Hope	349 Arkansas Ave.
Hickey, Vienna	L. I.	Fayetteville	
Highfill, Hubert Holmes		S. Paragould	Stanforda
Hilt, Paul Harrison		A. Fayetteville	313 LaFayette Ave.
Hilton, Lilburn Louis		A. Cincinnati	
Holbrook, Homer Harry		A. Huntington	356 College Ave.
Holecomb, Lillian		A. Springdale	Carnall Hall
Horton, Ellen	L. I.	Bear Creek	
Houser, Walter	L. I.	Blain	Col. Stroupes'
Hudgins, Harry Zeno Ross	S.	Fayetteville	
Hudson, Raymond Samuel	L. I.	Moreland	J. J. Henry's
Hudson, Will Commons	A.	Mulberry	Gilbert House
Hughes, Lester	Ans.	Elm Springs	Dormitory
Hurst, Jefferson Davis	A.	Fayetteville	219 Watson St.
Huxtable, Frank Barton	A.	Blythville	Dormitory
Isom, Mather	A.	Jonesboro	Mrs. Oliver's
Jackson, Alice Ruth	L. I.	Fayetteville	639 Whitham St.
James, Ray Ballard	F.	Fayetteville	
Johnson, John T.	A.	Garrett	Dormitory
Jones, Otis	A.	Lono	112 Hill St.
Jordan, Etta Lena	A.	Fayetteville	17 Hill St.
Kelton, Fannie	L. I.	Fayetteville	
Kimbrough, Baxter	F.	Fayetteville	N. Willow St.
Knight, Ralph	E.	Broken Arrow, 429 Washington Ave	
Kone, Will Abbott	F.	Palacios, Texas	357 College Ave.
Landron, Belle	L. I.	Fayetteville, Cor. South & Church	
Lee, William	A.	Spiro, Okla.	J. J. Henry's
Leverett, Margaret	A.	Fayetteville	629 Ida Ave.
Lewis, John Marion	A.	Fayetteville	629 W. Dickson

Name.	Course.	Post Office	Boarding Place.
Loveland, Nathan Edgar		A. Basin, Wyo.	213 N. Block St.
Lucas, Julia		C. Fayetteville	W. Maple St.
McAmis, Roby		A. Fayetteville	308 St. Charles St.
McCauley, Robert Foster		E. Waldron	Spring
McCain, John Erwin		A. Gumlog	J. J. Henry's
McCann, Noah T.		A. Malvern	Dormitory
McCauley, Bessie Ruth		C. Fayetteville	York St.
McCauley, Gordon Bain		A. Fayetteville	York St.
McCoy, Clarence Leroy		E. Coffeville, Kan.	
McDearmon, George Washington		A. Weldon	Dormitory
McKeown, W. A.		A. McAlver	112 Hill St.
Magness, Earnest B.		A. Hartford	N. of Leverett School
Magness, William Andy		A. Hartford	N. of Leverett School
Mallory, Edith Ada		A. Taylor, Mo.	524 Willow St.
Martin, Robert Davis		A. Prescott	Gray Hall
Mason, Elsie Pauline		C. Westville, Okla.	Carnall Hall
May, Audry C.		E. Luxora	314 Scott St.
Meacham, Edna	L. I	Fayetteville	N. Gregg St.
Melton, Arch	E.	Alix	727 Douglas
Metcalf, Roy James	A.	Horatio	Buchanan Hall
Milburn, Maebell	A.	Fayetteville	25 E. Meadow St.
Miller, Arthur	A.	Fayetteville	R. F. D. No. 3
Milligan, Hazel	A.	Fayetteville	Mrs. Busey
Milligan, James Joseph	A.	Fayetteville	Country
Milligan, Lucile Margaret	A.	Fayetteville	Mrs. Busey
Mitchell, Eugene	E.	Spiro, Okla.	J. N. Wheeler
Mock, Catha Foster	L.	Fayetteville	Washington Ave.
Moon, Nathaniel Dallas	E.	Swifton	312 College Ave.
Moore, Charles J.	A.	Fayetteville	J. E. Vaughn's
Moore, Charles O.	A.	Dover	J. J. Henry's
Moore, Dicey	A.	Witcherville	357 College Ave.
Moore, Kateisue	A.	Fayetteville	735 W. Dickson
Moore, Russel B.	E.	Fayetteville	
Morley, Ruth	A.	Fayetteville	218 School St.
Morris, Viena	L. I	Centerton	821 W. Maple
Mosley, Edna	A.	Rison	Carnall Hall
Murphy, Hugh	A.	Orlando	Buchanan Hall
Neely, Hallie Talbert	C.	Fayetteville	231 N. Church
Norman, John Thomas	S.	Prescott	Mrs. Gregg's
Ogden, Ala L.	A.	Serrogorda	312 LaFayette Ave.
Oliver, Grace	A.	Eureka Springs	270 Arkansas Ave
Oliver, Russel G.	A.	Brawley	Armstrong's
Parks, John Dryden	E.	Fayetteville	432 Willow St.
Parcell, Earl W.	M. E.	Tampa, Fla.	727 Douglass St.
Paup, Joe	A.	Toxarkana	340 Arkansas Ave.
Perkins, Bess	L. I	Fayetteville	Stephen Bates'
Pierce, Roberta	C.	Beaver	Carnall Hall
Porter, Lee Vernon	Ag.	Fayetteville	Country
Poynter, William Henry	A.	Dover	J. J. Henry's
Pratt, Margaret Joy	C.	Fayetteville	

Name.	Course.	Post Office	Boarding Place.
Pratt, William Oscar		A. Rosebud	Bryan Ave.
Price, Evadna Maryon		A. Fayetteville	129 E. Dickson
Price, Olive		A. Fayetteville	424 N. West St.
Pruitt, Edgar Andrew	L. I.	Bluff City	Cowles
Pulley, Elsworth	E.	Fayetteville	226 N. Block
Ray, Charles Hulbert	L. I.	Griffithville	Buchanan Hall
Reagan, Robert T.	A.	College Hill	J. C. Stanford's
Reagan, Walter	S.	College Hill	J. C. Stanford's
Rhodes, William W.	A.	Blyethville	Gray Hall
Richards, Parnell	A.	Paragould	East Mount.
Rollins, Rosa	C.	Fayetteville	421 Willow St.
Rudolph, Freda	A.	Fayetteville	R. F. D. No. 2
Rudolph, Grace Oberia	A.	Fayetteville	R. F. D. No. 2
Rupple, Willie W.	A.	Fayetteville	Country
Sandford, Harry Whitmore	S.	Avon, South Dak.	122 East St.
Sankee, Ruth	A.	Junction City, Kan.	369 N. Gregg
Sawyer, Jordan	A.	Bentonville	629 Croxdale
Seearce, Ellis A.	E.	Gower, Mo.	629 Dickson
Scott, Rudolph	E.	Van Buren	325 LaFayette Ave.
Sedwick, Richard C.	E.	Fayetteville	324 St. Charles
Self, Oscar Lee	E.	Ft. Smith	Joe Bates'
Sexon, Jessie	S.		306 W. LaFayette Ave.
Shipley, Nellie	L. I.	Harmon	W. Rock St.
Shipley, Webster	L. I.	Harmon	W. Rock St.
Skelton, Mayme Creed	C.	Ft. Smith	Mrs. Graybill's
Skidmore, Harrold Manual	L. I.	Boynnton, Okla.	502 Washington
Skillern, Will	E.	Searcy	309 W. Center St.
Smith, Beulah	A.	Fayetteville	Rock St.
Smith, Ellis J.	S.	Waldo	Dormitory
Smith, Estella	L. I.	Winslow	334 Willow St.
Smith, Gladys	A.	Fayetteville	Watson St.
Smith, Lena Louise	A.	Fayetteville	Watson St.
Snell, Frank G.	E.	Harrison	208 W. Douglas
Snider, Gladys	C.	Buckner	207 College Ave.
Souter, Eugene H.	A.	Magnolia	Buchanan Hall
Spurlock, Gerald	A.	Fayetteville	Washington Ave.
Stockburger, Deloras Alma	L. I.	Westfork	Dr. Pitman's
Stockburger, Roy	E.	Springdale	
Stroup, Zeta	L. I.	Paris	504 Willow St.
Stroup, Zenga	L. I.	Paris	504 Willow St.
Swicegood, John	E.	Nashville	
Swope, Mable	A.	Beaver	Carnall Hall
Taylor, Frank	A.	Scottsville	Joe Bates'
Taylor, Homer Harry	E.	Fayetteville	212 N. Church St.
Tennant, Clara	A.	Farmington	331 Highland Ave.
Thomas, Bartney	A.	Fayetteville	441 Washington Ave.
Thomas, Edith	A.	Fayetteville	430 E. LaFayette
Thomas, Isa	A.	Fayetteville	348 Willow St.
Thomas, Mills Gilmore	A.	Gilmore	356 College Ave.
Thurston, Henry B.	S.	Rector	Z. T. A. House

Name.	Course.	Post Office	Boarding Place.
Trent, Lillian Ruth		C. Fayetteville	218 Church St.
Turnham, Gurtrude		A. Muldro, Okla.	Carnall Hall
Tustin, John Patrick		E. Little Rock	335 W. LaFayette
Tyson, Genevieve		A. Harrison	
Tyson, Harvey Jawell		S. Camden	Buchanan Hall
Vaughn, Richard H.		A. Moreland	Gray Hall
Vickers, Hazzalett		A. Paragould	W. Scott St
Waltha, Ben Edward		S. Waldo	Hill Hall.
Warmack, Alex		F. Rosston	325 W. LaFayette
Watters, Robert Franklin		A. Havana	345 Cemetery
Webb, Bert		A. Rector	J. S. Bates'
Weems, George Ottis		A. Blue Mountain	203 W. Dickson
Weigart, George P.		A. Rector	J. D. Walker's Home
Weir, Earl	L. I.	Fayetteville	R. F. D. No. 2
West, Gertrude	A.	Fayetteville	136 Hill St.
Whedbee, Lee	A.	Huntington	Dormitory
Wheelis, Roy Benton	L. I.	Ashdown	712 Maple
Whetstone, Ethel	A.	Rector	J. D. Walker's Home
Whetstone, Jessie C.	A.	Rector	J. D. Walker's Home
Whetstone, Landon W.	A.	Rector	J. D. Walker's Home
Whitmore, Cleo	A.	Fayetteville	Washington Ave.
Whitmore, Iera F.	A.	Fayetteville	Washington Ave.
Whittle, Martha Gertrude	A.	Fayetteville	235 College Ave.
Whitty, Emily Nora	L. I.	Piney	621 Leverett
Wright, Stephen W.	A.	Fayetteville	
Williams, Baxter L.	L. I.	Village	Dormitory
Williams, Davis C.	I.	Fayetteville	306 W. La Fayette
Williams, Edgar Hill	E.	Fayetteville	South & Locust St.
Williams, George C.	Agr.	Campbell, Okla.	Stanford's
Williams, Grace	L. I.	Fayetteville	820 Douglas St.
Williams, Guy	A.	McKinney, Tex.,	110 University St.
Williams, Ilda Irene	S.	Whiteville, Okla.	162 Hill St. I
Williams, Jesse Henderson	E.	Fayetteville	S. Locus
Williams, Lilah Margaret	A.	Fayetteville	Sutton St.
Williams, Walter	Agr.	Grady	Gilbert House
Williford, Evvie	A.	Jacksonville	Prof. Bates'
Wilson, Margaret	C.	Fayetteville	522 W. Maple St.
Wilson, Robert I.	E.	Rose, Okla.	Cooper House
Wisenor, William Oliver	A.	Farmington	A. J. Ballard's
Wood, Robert Earl	A.	Blevins	Leverett St.
Woody, Dale	E.	Fayetteville,	346 St. Charles St.
Woods, Shelby	S.	Evening Shade	Dormitory
Woodson, Bertha H.	L. I.	Bonanzo	Carnall Hall
Wozencraft, Timothy	A.	Fayetteville	R. F. D. No. 2
Wright, Fred	A.	Hope	Pitman's
Total, 288.			

THE MEDICAL SCHOOL.

Allen, R. C.	Compton, T. D.
Adams, J. L.	Clark, Guy.
Allbright, Sam J.	Callaway, W. L.
Bracy, J. H.	Davidson, L. P.
Browning, H. W.	Dooley, Jno. B.
Beville, S. D.	Doyme, Russell.
Bridges, Frank.	Dunn, O. O.
Beasley, H. S.	Dungan, C. E.
Bell, Minto.	Duff, W. M.
Bayer, H. L.	Freemeyer, W. N.
Bannister, B. F.	Flanigan, Thos. A.
Burnett, J. A.	Fletcher, M. A.
Bailey, W. F.	Fowler, Charley.
Burton, R. F.	Fowler, J. B.
Bradley, I. L.	Gentry, J. E.
Black, Minnie J.	Gladden, J. G.
Black, J. C.	Gleason, M. P.
Buchanan, G. A.	Guthrie, O. L.
Burgess, F. J.	Green, B. F.
Brown, G. W.	Goodwin, W. E.
Brown, W. L.	Guise, J. A.
Brooks, E. J.	Hall, R. J.
Bosshart, Jacob.	Hall, J. U.
Blanton, H. O.	Hardgrave, G. L.
Brown, J. R.	Harvey, Jno. H.
Bohanon, C. H.	Hardy, F. P.
Butler, I. S.	Henry, Richard T.
Berron, A. W.	Heffly, J. A.
Bray, T. L.	Hope, O. W.
Bohanon, J. H.	Hudson, P. K.
Bruce, G. C.	Hunt, W. J.
Blair, Robt. L.	Hunter, R. M.
Buckner.	Hurley, T. D.
Cates, T. H.	Hamilton, W. F.
Crandall, M. C.	Henry, T. S.
Conner, P. A.	Hendricks, A. J.
Cooper, Samuel.	Hayden, J.
Cottrell, W. P.	Hodges, W. G.

- Hayes, J. B.
Iles, J. T.
Ivy, C. M.
Ivy, J. B.
Jacobs Irvin.
Jewell, G. H.
Jenkins, W. P.
Johnston, E. E.
Junkin, S. P.
Justus, Shelby.
Jeffrey, Paul H.
King, J. A.
Kenyon, A. D.
Lamb, W. A.
Lieblong, J. S.
Lewis, W. H.
Lewis, C. A.
Lindsey, E. L.
Livingston, J. J.
Llewellyn, W. N.
Long, W. E.
Lumsden, C. A.
May, Jno. R.
Mathews, E. L.
Means, C. S.
Middleton, B. C.
Montell, S. G.
Morgan, T. M.
Maxey, N. C.
Morris, G. W.
Morris, C. H.
Mitchell, Claude S.
Mason, J. J.
Mitchell J. D.
McCarty, Kenneth.
McKinney, Garland.
McKinney, A. T.
McNeil, M. P.
McPherson, W. G.
Neal, Jas. H.
Nowlin, W. A.
Norton, Jas. M.
Ozment, Frank.
Oury, E. G.
Pacé, Chas. W.
Parrish, A. T.
Pickens, W. A.
Pickens, E. A.
Porter, W. C.
Powell, P. R.
Poynter, S. L.
Powell, M. S.
Patrzykowsky, C. W.
Ratterree, I. C.
Reed, C. C.
Robinson, G. M.
Roberts, D. W.
Ross, J. L.
Roberts, D. C.
Rushing, J. Logan.
Reynolds, J. R.
Sandlin, J. T.
Sadler, W. L.
Sanders, Y. V.
Slaughter, J. W.
Simpson, W. S.
Smith, J. H.
Switzer, D. M.
Sickler, L. N.
Spikes, J. M.
Stover, G. C.
Snyder, S. M.
Stewart, Joe.
Stover, Verne.
Sheets, Walter.
Stuart, R. G.
Summers, J. A.
Sisco, C. P.
Staton, J. W.
Tipton, W. C.

Thomas, Ernest.	Welch, W. W.
Thompson, H. F.	Williams, Philip.
Thompson, M. G.	White, J. W.
Tucker, C. C.	Wilson, C. W.
Turner, L. M.	Wright, F. A.
Utley, F. M.	Woolford, W. S.
Wassell, C. McA.	Wozencraft, L. C.
Watson, C. A.	Yeagan, W. M.
Ware, B. L.	Zawadzki, C. E.
Warren, G. D.	Total, 175.

THE LAW SCHOOL.

Seniors.

Carter, E. L.....	Little Rock, Arkansas.
Clerget, J. E.....	Morrilton, Arkansas.
Clifford, J. C.....	Little Rock, Arkansas.
Dobyns, A. W.....	Little Rock, Arkansas.
Eaton, O. L.....	Little Rock, Arkansas.
Galligan, William P.....	Little Rock, Arkansas.
Hopson, E. E.....	Little Rock, Arkansas.
Hutton, M. C.....	Little Rock, Arkansas.
Johnson, G. B.....	Heavener, Oklahoma.
Josephs, Louis.....	Winthrop, Arkansas.
Kirtley, R. O.....	Little Rock, Arkansas.
Longstreth, O. D.....	Little Rock, Arkansas.
Lyons, J. A.....	Paragould, Arkansas.
Morton, S. F.....	Fordyce, Arkansas.
Murphy, G. G.....	Fordyce, Arkansas.
Riddick, Walter G.....	Little Rock, Arkansas.
Strength, —. —.....	Little Rock, Arkansas.
Swain, G. W.....	Little Rock, Arkansas.
Toler, Thomas E.....	Sheridan, Arkansas.
Winn, O. H.....	Little Rock, Arkansas.
Total, 20.	

Juniors.

Andrews, A. O.....	Little Rock, Arkansas.
Atkinson, W. W.....	Little Rock, Arkansas.
Bourland, W. L.....	Little Rock, Arkansas.
Bratton, Guy.....	Little Rock, Arkansas.

Bowers, Lee.....	Little Rock, Arkansas.
Cagle, B. J.....	Little Rock, Arkansas.
Caron, D. W.....	Little Rock, Arkansas.
Carter, G. C.....	Paris, Arkansas.
Collman, F. O.....	Little Rock, Arkansas.
Condray, W. F.....	Little Rock, Arkansas.
Dendy, J. L. B.....	Monroe, Louisiana.
Dickinson, R. G.....	Little Rock, Arkansas.
Elkins, M. W.....	Sheridan, Arkansas.
Farris, S. R.....	Little Rock, Arkansas.
Fox, Robert R.....	Little Rock, Arkansas.
Herring, W. J.....	Little Rock, Arkansas.
Johnson, James H.....	Little Rock, Arkansas.
Locklar, H. C.....	Little Rock, Arkansas.
Mayes, H. M.....	Jonesboro, Arkansas.
Martineau, A. L.....	Little Rock, Arkansas.
Moore, Blake T.....	Little Rock, Arkansas.
McCormick, J. T.....	Little Rock, Arkansas.
Nolan, F. O.....	Little Rock, Arkansas.
O'Daniel, O. L.....	Little Rock, Arkansas.
Paris, A. T.....	Little Rock, Arkansas.
Purdum, J. W.....	Little Rock, Arkansas.
Ramsey, C. C.....	Pine Bluff, Arkansas.
Sanders, John L.....	Little Rock, Arkansas.
Schmutz, Fred.....	Little Rock, Arkansas.
Tuggle, E. E.....	Little Rock, Arkansas.
Vedder, Chas.....	New York, N. Y.
Waldon, J. P.....	Little Rock, Arkansas.
Watkins, W. J.....	Little Rock, Arkansas.
White, S. L.....	Little Rock, Arkansas.
Whiteaker, J. T.....	Little Rock, Arkansas.

Total, 35.

SUMMARY OF STUDENTS.

Graduates	3
Seniors	59
Juniors	76
Sophomores	135
Freshmen	253
Special students	35
Students in short courses in engineering.....	31
Students in the Conservatory.....	26
Total number of collegiate and conservatory students... ..	618
Second year preparatory	219
First year preparatory	288
Total number of preparatory students.....	507
Unclassified	30
Total number of students at Fayetteville.....	1155
Students in the Medical School (Little Rock).....	175
Students in the Law School (Little Rock).....	55
Students in the Branch Normal College (Pine Bluff).....	340
Total number of students in the University of Arkansas..	1725

DEGREES.

On Commencement Day, June 11, 1907, degrees were conferred by the trustees of the University of Arkansas, as follows:

Doctor of Laws.

James A. Anderson.	James Benjamin Aswell.
William D. Buckner.	George Gordon Smeade.

Master of Science.

Rufus Jerry Nelson.

Bachelor of Arts.

Coldridge Paine Balch.	Henrietta Moore.
Jerrold M. Ballard.	Bessie Oliver.
Leora Blair.	Anna Pugh.
Walter Allen Bolinger.	Elizabeth Inez Risser.
William Cullen Bryant.	Rena Buchanan Shore.
Ruth Margaret Crozier.	Joseph Hopkins Stanley.
Sallie Davis Evins.	Harry Breck Taber.
James Seaborn Holt.	Benjamin Forrest Thomas.
Joseph Warren House, Jr.	Nell Tidball.
Arthur Joe Johnson.	Ollie Laurel Umbaugh.
Joseph Kirby Mahoney.	Charles Albert Walls.
James Edward McConnell.	Jean Grenada Weld.
Dodridge McCulloch.	Joseph Othel York.

Bachelor of Science.

Lyta Davis.	Arthur Clarence Parker.
Charles Clark Hillman.	Lee Bryant Shaver.
Robert Fee Hyatt.	George Murphy Sivley.
John William Murphy.	Freeland Page Townsley.
John Melvin Wilson.	

Bachelor of Music.

Mary Inez Droke.	Ovid Young.
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Bachelor of Mechanical Engineering.

Milam Kenton Orr.

Bachelor of Civil Engineering.

Frank Brown Barrett.	Sidney Edward Deane.
Charles Homer Buford.	Ernest Eugene Mashburn.
Hugh Reuben Carter.	James Rush Rhyne.
Adam Coker.	Robert Percy Smilie.
Roy Coker.	William Claud Tyson.
Walter Combs.	John Thomas Watson.

Bachelor of Electrical Engineering.

Enis Howell Dickson.	Kenneth Abram Reed.
Vernon Alexander Harding	William Boyd Stelzner.

Bachelor of Science in Agriculture.

John Malony Borders.

CERTIFICATES.**Licentiate of Instruction.**

Louie Audigier.	William James Jernigan.
Lexie Lou Bell.	George Fleming Jones.
James Franklin Boggs	Annie Louise Lamberton
William Cullen Bryant.	Ophelia McGraw.
Ruth Margaret Crozier.	Rose McRay.
Mary Bertha Hart.	Henrietta Moore.
Jamie Hapgood Irby.	Ollie Laurel Umbaugh.

Electrical Engineering.

Frank Guy Baker.	Olin Evins Hicks.
Ralph Merle Edwards.	Horace Edwin Rodgers.

Mechanical Engineering.

Morton Burton.	Herman W. Dean.
Erwin Campbell Catts.	Tom Pyeatt.

The degree of Doctor of Medicine was conferred on the following graduates of the Medical School:

Doctor of Medicine.

Blakely, G. W.	Mooney, W. H.
Boen, A. L.	McClure, P. L.
Bollinger, W. H.	McRae, W. M.

Casada, B. F.	North, Arthur
Downs, J. H.	Peterson, A. W.
Fowler, Arthur	Purtle, C. C.
Gibbons, W. H.	Raines, T. W.
Gillum, A. D.	Repogle, G. B.
Griffin, E. P.	Smith, Ira
Henderson, G. L.	Sneed, R. H.
Holloway, W. R.	Tate, A. B.
Long, Mrs. Nellie L.	Teeter, C. R.
Maxwell, R. L.	Wilkinson, S. L. }

Collegiate Alumni of the University of Arkansas

Name.	Degree.	Year.	Occupation.	Address.
Abercrombie, Bertha.	B. A.	'05	.....	Fayetteville, Ark.
Abercrombie, J. S.	B. A.			
	L. L. B.	'04	Lawyer and Member Gen- eral Assembly.....	Benton, Ark.
Abernathy, G. C.	B. A.	'00	Lawyer.....	Shawnee, Okla.
Aikin, D. C.	B. C. E.	'87		
Alker, R.	B. A.	'02	Asst. Cash., Grove Bank. .	Grove, Okla.
Allen, Edna.	B. A.	'06		
Anderson, L. S.	B. L. L.	'84	Examiner U. S. Pat. Office.	Washington, D. C.
Andrix, E. R.	B. M. E.	'06		
Arbuckle, J. D.	B. A.	'92	Insurance Clerk, State Au- ditor's Office.....	Little Rock, Ark.
Armistead, C. F.	B. A.	'93	Captain 21st Infantry, and Commandant of Ca- dets, U. of A.	Fayetteville, Ark.
Ash, L. R.	C. E.	'05		
	B. C. E.	'93		
	B. E. E.	'94	Civil Engineer.....	Kansas City, Mo.
Askew, Geo. H.	B. A.	'98		
Askew, Nancy E.	B. A.	'01	Mrs. C. N. Weems.....	Smith's Grove, Ky.
Askew, W. H.	B. A.	'07		
Austin, R. F. E.	B. A.	'06	Teacher.....	Lonoke, Ark.
Ayres, W. E.	B. C. E.	'98	Civil and Constructing Eng. 156 Randolph Bldg.	Memphis, Tenn.
Balch, C. P.	B. A.	'07		
	I. E.	'05		
Ballard, B. C.	B. A.	'06	Teacher	Springdale, Ark.
Ballard, J. M.	B. A.	'07	Teacher	Springdale, Ark.
Barnett, C. P.	B. E. E.	'96	Eng. for Urban Construc- tion Co., 401-402 Dwight Bldg.	Kansas City, Mo.
Barnett, Nettie	B. E.	'76	Mrs. C. P. Boles.....	Fayetteville, Ark.
Barnett, F. B.	B. C. E.	'07		
Barr, L. G.	B. S.	'06	Mrs. R. E. Bagley.....	Perry, Okla.
Barton, R. B.	B. A.	'02	Member F. G. Barton Cot- ton Co.	Memphis, Tenn.
Bates, C. O.	B. A.	'83	Prof. Chem., Coe College. .	Cedar Rapids, Ia.
Bates, Marge N.	B. A.	'03	Teacher, Public Schools...	Dardanelle, Ark.
Bates, J. H.	B. A.	'86		
Baxter, J. W.	B. A.			
	B. S.	'02	Real Estate and Invest- ments.....	Fayetteville, Ark.
Bentley, J. D.	B. A.	'02		
Bentley, A. H.	B. C. E.	'05	City Engineer.....	Fayetteville, Ark.
Beattie, Mary B.	B. A.	'06	Primary Art Teacher, School for the Deaf. . . .	Flint, Mich.
Bevers, A. W.	B. A.	'09	Druggist.....	Springdale, Ark.
Bell, J. C.	B. A.	'04		

Name.	Degree.	Year.	Occupation.	Address
Bell, M. L.....	B. A	'98	Local Atty., C. R. I. & P. Ry. Co.....	Chicago, Ill.
Bibb, Blanche.....	B. A.	'93	Mrs. G. A. Humphreys...	New York.
Billings, F. M.....	B. C. E.	'03	Engineer, 2d Degree, Obras Publicas, Bayamo.....	Oriente, Cuba.
*Black, J. W.....	B. A.	'92		
Blackwell, W. I....	B. C. E.	'92		
Blackshire, P. L....	B. C. E.	'06		
Blair, J. H.....	B. C. E.	'99	Bridge and Structural En- gineering, 614 Moffett Ave.....	Joplin, Mo.
Blair, Leora.....	L. I.	'04		
	B. A.	'07	Teacher.....	Dardanelle, Ark.
Blakeley, Leonora I..	B. A.	'78		
	L. I.	'78	Mrs. H. M. Hudgins.....	Fayetteville, Ark.
Blanchard, Fay H....	B. A.			
	L. I.	'04		Fayetteville, Ark.
Blaylock, J. C.....	B. C. E.	'03		
Bloom, J. R.....	B. E. E.	'04	Pine City Electric Co....	Pine Bluff, Ark.
Bolinger, W. A.....	B. A.	'07		Mercur, Utah.
*Booth, W. P.....	B. A.	'82		
Borden, Alice.....		'77	Mrs. J. B. Strouse, 2022 Floyd St.....	Louisville, Ky.
Borders, J. M.....	B. S. A.	'07		Fayetteville, Ark.
Bostick, J. A.....	B. S.	'01	Inspector Treas. Dept.....	Washington, D. C.
*Botefur, Laura D.....		'75	Mrs. G. W. Shulte.....	
Bowles, P.....	B. C. E.	'88		
Boyd, W. E.....	B. A.	'96	Gen. Claim Agt., T. & B. V. Ry.....	Houston, Tex.
Braly, Amanda.....	B. S.	'96		
	L. I.	'06	Teacher, Public Schools...	Fayetteville, Ark.
Braly, Etta.....	B. S.	'96	Mrs. Thos. McCulloch....	Lincoln, Ark.
Braly, E. H.....	B. A.	'94	Eng. for Wm. Kenefick Co.	Kansas City, Mo.
*Braly, E. K.....	B. M. E.	'97		
Brewer, O. H. P....	B. S.	'93	Delegate Okla. Constitu- tional Convention, Pres. Cherokee Board of Edu- cation.....	Muskogee, Okla.
Brewster, H.....	B. A.	'03		
Briggs, O. D.....	B. A.	'02	Student, Univ. of Chicago	Chicago, Ill.
Brixey, A. M.....	B. A.	'96	Merchant.....	Mounds, Okla.
Brockman, E. W....	B. A.	'06	Law Student, Cumberland Univ.....	Lebanon, Tenn.
Brown, E. T.....	B. C. E.	'00	Asst. Div. Eng., B. & O. Ry.....	Pittsburgh, Pa.
Brown, F. I.....	B. M. E.	'02	Mechanical Eng. with Thomas-Fordyce Co....	Little Rock, Ark.
Brown, H. S.....	B. M. E.	'01	N. E. Mgr. of Power Spe- cialty Co.....	Boston, Mass.

*Deceased.

Name.	Degree.	Year.	Occupation.	Address.
Brown, W. D.....	B. A.	'82	Physician.....	Newtonia, Mo.
Bryan, L. B.....	B. C. E.	'03	.....	.....
Bryant, W. C.....	B. A.	'07	Teacher.....	Mulberry, Ark.
Brunsbog, C. W.....	B. C. E.	'06	.....	.....
Buchanan, H. E.....	B. A.	'02	Graduate Student, Univ. of Chicago.....	Chicago, Ill.
Buford, C. H.....	B. C. E.	'07	With C. M. & St. P. Ry....	Ottumwa Jct., Iowa.
Burney, Sue.....	B. A.	'04	Prin. High School.....	Van Buren, Ark.
Butler, H. M.....	B. A.	'79	.....	.....
Campbell, J. L.....	B. A.	'97	Travelling Salesman.....	Greenwood, Ark.
Campbell, L. L.....	B. A.		.....	.....
	L. I.	'06	Law Student, Columbia Univ.....	New York, N. Y.
*Carden, E. B.....	B. L.	'77	.....	.....
*Carnall, Ella.....	Ph. M.	'81	.....	.....
Carothers, Neil.....	B. A.	'05	Adjunct Prof. of Econom- ics and Sociology, U. of A.....	Fayetteville, Ark.
Carr, W. B.....	B. S.	'05	With Iola Portland Cement Co.....	Dallas, Tex
Carrigan, A. H.....	B. A.	'82	Dist. Judge 30th Dist....	Wichita Falls, Tex.
Carson, Annie E.....		'75	Mrs. John Knight.....	.....
Carson, Augusta O.....		'75	Mrs. T. W. Cline.....	.....
Carter, E. L.....	B. A.	'05	Law Student, U. of A., Law Dept.....	Little Rock, Ark.
Carter, H. R.....	B. C. E.	'07	.....	.....
Cartwright, W. W.....	L. I.	'03	.....	.....
	B. A.		.....	.....
	B. S.	'03	Public Lecturer and Mem- ber General Assembly..	Mount'n View, Ark.
Catts, E. C.....	B. M. E.	'06	With Eagle & Phoenix Cotton Mills.....	Columbus, Ga.
Chanslor, C. K.....	B. A.	'82	Cashier Barry Co. Bank...	Cassville, Mo.
Chapman, J., Jr....	B. C. E.	'05	With St. Francis Levee Bd.	Memphis, Tenn.
Chapple, E. W.....	B. E. E.	'04	With Gen. Elec. Co., Pro- duction Dept.....	Schenectady, N. Y.
Cherry, W. R.....	B. A.	'82	Cashier Bank of Paris...	Paris, Ark.
Clancy, Wm., Jr....	B. C. E.	'02	.....	.....
	C. E.	'05	Mining Eng., East Butte Copper Mining Co.....	Butte, Mont.
Clark, E.....	B. A.	'03	.....	.....
Cochrane, V. H.....	B. C. E.	'01	.....	.....
	C. E.	'06	Ass't. Eng. Waddell & Hedrick, 608 New Nelson Bldg.....	Kansas City, Mo.
Cockrill, E.....	B. M. E.	'05	.....	Little Rock, Ark.
Coker, R.....	B. C. E.	'07	With W. F. May & Co....	Ft. Smith, Ark.
Coker, A.....	B. C. E.	'07	.....	.....
Cole, Mary E.....	L. I.	'04	.....	.....

*Deceased.

Name.	Degree.	Year.	Occupation.	Address.
	B. A.	'05	Instructor in Language, Stillwater High School.	Stillwater, Okla.
Collier, J. T.....	B. A.	'01		
Collins, T. A.....	B. A.	'06	Ass't. Prosecuting Att'y...	DeQueen, Ark.
Combs, W.....	B. C. E.	'07		Joplin, Mo.
Connelly, S.....	B. A.	'00		
Cook, L. J.....	B. A.	'04	Att'y. at Law, & Real MEstate.....	Texarkana, Ark
Cooke, C. M., Jr.....	B. S.	'05	idshipman, U. S. N. Academy.....	Annapolis, Md.
Craig, P. G.....	B. A.	'06	Student, Columbia Univ..	New York, N. Y.
Cravens, Jessie.....	B. L. L.	'83	Mrs. O. L. Cravens.....	Neosho, Mo.
Crawford, W. A.....	B. A.	'00	Deputy State Sup't. Pub- lic Instruction.....	Little Rock, Ark.
Cromwell, C. W.....	B. C. E.	'05	Consulting Eng., 631 Bran- der's Bldg.....	Omaha, Nebr
Croon, C. W.....	B. A.	'06		West Point, Miss
Crozier, A. B.....	B. E. E.	'97	Consulting Eng., 510 Kan- sas City Life Bldg.....	Kansas City, Mo.
Crozier, Elizabeth N.....	B. A.	'03	Mrs. H. C. Evins.....	Morrow, Ark.
Crozier, Ruth.....	B. A.	'07	Teacher Public Schools...	DeQueen, Ark.
Crozier, W. N.....	B. A.	'88	Minister.....	Fayetteville, Ark.
Cubage, J. G.....	B. A.	'06	Teacher.....	Hot Springs, Ark.
Cummings, R. N.....	B. A.	'98		2423 9th Av., West Seattle, Wash.
Curry, Lula.....	B. S.	'92	Mrs. G. L. Teller.....	Riverside, Ills.
Dalton, C. E.....	B. E. E.	'06		
Danaher, M.....	B. A.	'88	Lawyer.....	Pine Bluff, Ark.
Daniels, H. F.....	B. C. E.	'03	Traveling Frt. Agt., N. & W. Ry.....	Memphis, Tenn.
Davies, Hadgie B.....	B. A.	'03	Mrs. L. R. Ash.....	Kansas City, Mo.
Davies, Lila C.....	B. A.	'96	Mrs. Claude Head.....	Texarkana, Ark.
Davies, Mary L.....	L. I.	'04		
	B. A.	'04	Teacher.....	Texarkana, Ark.
Davies, B. F.....	B. A.			
	B. S.	'01	Lawyer.....	Wewoka, Okla.
Davis, Barbara C.....	B. Mus.	'06		Fayetteville, Ark.
Davis, F. H.....	B. C. E.	'03		Lowell, Ark.
Davis, J. B.....	B. S.	'05		Chelsea, Okla.
Davis, J. H.....	B. E. E.	'01	Ass't. Electrical Eng., B & O. Ry.....	Baltimore, Md.
Davis, Lizzie P.....		'75	Mrs. R. C. Brown.....	
Davis, Lyta.....	B. S.	'07	Sect'y Y. W. C. A., U. of A.	Fayetteville, Ark
Deloney, E. D.....	B. A.	'06		
Deane, S. E.....	B. C. E.	'07	Surveyor, C. C. C. Co.....	Big Muddy, Wy.
Dickinson, Ruth A.....	B. A.	'00	Mrs. Elliot Berry.....	Bentonville, Ark.
Dickinson, T. T.....	B. A.	'00		
	LL. B.	'02	Lawyer.....	Little Rock, Ark.
Dickinson, W. E.....	B. S. Ch.	'05	Chemist, Independent Phos- phate Mines.....	Columbia, Tenn.
Dickson, W. E.....	B. A.	'88	Teacher.....	Waldo, Ark.

Name.	Degree.	Year.	Occupation.	Address.
Dickson, E. H.	B. E. E.	'07	Elec. Eng.	Desha, Ark.
Drake, C. H.	B. C. E.	'91		
Drake, N. F.	B. C. E.	'94		Summers, Ark.
Drees, C. J.	B. E. E.	'96	Member Ark. Elec. Co.	Little Rock, Ark.
Droke, G. W.	A. M.	'80	Prof. of Math. and Astronomy, U. of A.	Fayetteville, Ark.
Droke, Leila R.	B. A.	'03	Teacher in Little Rock	
	M. A.	'06	High School.	Little Rock, Ark.
Droke, M. Josephine	B. A.	'04	Teacher Gannaway College	Searcy, Ark.
Droke, Mary Inez	B. Mus.	'07	Inst. Math.,	Fayetteville, Ark.
Duncan, W. H.	B. L. L.	'84	Lawyer.	Conway, Ark.
Dyer, Mallie.	B. A.	'94		Prairie Grove, Ark.
Earle, Clara.	B. A.	'96	Teacher, Cumberland Univ.	Lebanon, Tenn.
*Edminston, W. L.	B. L. L.	'84		
Eld, Amanda A.	B. A.	'98	Prin. Academy for Indian Girls.	Tuskahoma, Okla.
Eld, C. J.	B. C. E.	'96	Constructing Eng. for American Water Works Co.	Pittsburgh, Pa.
Eld, G. W.	B. M. E.	'00		
Ellis, F. W.	B. A.	'81	Lieut. U. S. Army, Ret.	Fayetteville, Ark.
Ellis, J. R.	B. E. E.	'03	Student, U. of A.	Fayetteville, Ark.
Ellis, W. Y.	B. E. E.	'02	Sup't. Pine Bluff Elect. Ry. Co.	Pine Bluff, Ark.
England, W. W.	B. A.	'83		
Erwin, T.	B. S.	'00	Associate Prof. of Hort., Iowa State College of Agriculture and Mechanic Arts.	Ames, Iowa
Evins, Sallie D.	B. A.	'07		
Feathers, J. E.	B. C. E.	'07		Fayetteville, Ark.
Feild, W. T.	B. M. E.	'06		Little Rock, Ark.
*Filmore, C. R.	B. S.	'99		
Fishback, L. F.	B. S.	'89	Lawyer.	Ft. Smith, Ark.
Floyd, J. C.	B. A.	'79	Member of Congress.	Yellville, Ark.
Flynn, W. M.	B. A.	'88		
Foreman, C. D.	B. S. A.	'06	Farmer.	Chelsea, Okla.
Freeman, W. A.	B. S.			
	B. A.	'01		
Galloway, Rowena M.	B. A.	'02	Instructor Prep. Dept., U. of A.	Fayetteville, Ark.
Gannaway, J. R.	B. A.	'92		
Gardner, J. W.	B. A.	'06	Teacher.	Paris, Ark.
Gates, D. A.	B. L.			
	B. A.			
	B. L. L.	'84	Chief of Revenue Agts.	Washington, D. C.
Gibson, F. I.	B. S.	'02	Chemist, Southern Cotton Oil Co.	Savannah, Ga.
Gibson, J. E.	B. M. E.	'94	Ass't. Eng. Am. Pipe Co.	Philadelphia, Pa.

*Deceased.

Name.	Degree	Year	Occupation.	Address.
Goodwin, W. P.	B. L. L.	'84		
*Gordon, Belle E.	B. A.	'76		
Gray, W. D.	B. A.	'00	Instructor in Latin, Smith College.	
Greaves, C. D.	B. A.	'83	Lawyer.	Hot Springs, Ark.
*Gregg, A. W.	B. A.	'76		
Gregg, A. S.	B. A.	'78	Physician.	Fayetteville, Ark.
Gregg, Edna.	B. Mus.	'04	Private Teacher.	Little Rock, Ark.
Gregg, L. W.	B. A.	'82	Ass't. Dist. U. S. Att'y.	Ft. Smith, Ark.
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Hall, C. E.	B. C. E.	'93	With D. R. Ry. Co.	Dardanelle, Ark.
Hall, H. J.	B. A.	'94		
	L. I.	'87	Editor.	Waldron, Ark.
Hamilton, W. J.	L. I.	'94		
	B. A.	'92	Merchant.	Hartford, Ark.
Hardin, Lena J.	B. A.	'02		
	L. I.	'92		Fayetteville, Ark.
Hardin, Nina V.	B. A.	'02		
	M. D.	'05	Physician.	Fayetteville, Ark.
Harding, A. M.	B. A.	'94	Adjunct Prof. Math., U. of A.	Fayetteville, Ark.
Harding, C. T.	B. C. E.	'06	Supervising Eng., Burnes & McDonnell.	Kansas City, Mo.
Harding, V. A.	B. C. E.	'07	Student Gen. Electric Co. Schenectady, N. Y.	
Harris, Agnes.	B. A.	'76	Mrs. W. T. Johnson.	Kansas City, Mo.
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Head, J. D.	B. A.	'94	Lawyer.	Texarkana, Ark.
Heberly, J. A.	B. S.	'93		
Hedrick, I. G.	B. C. E.	'92		
	C. E.	'99	Consulting Engineer.	Kansas City, Mo.
Henderson, G. D.	B. A.			
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Hillman, C. C.	B. S.	'07		
*Hobbs, J. H.	B. A.	'88		
Hobbs, W. D.	B. A.			
	B. S.	'01		
	I. I.	'99	War Dept. Bldg.	Washington, D. C.
Holcomb, Cener.	L. I.	'90		
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Holt, F. W.	B. A.	'03	Ass't. Paymaster, U. S. N., Bureau of Supplies and Accts., Navy Dept.	Washington, D. C.
Holt, J. S.	B. A.	'07	Law Student, U. of Va.	Charlottesville, Va.
Hon, Daniel.	B. A.			
	M. A.	'82	Circuit Judge.	Waldron, Ark.
Honnett, A. M.	B. E. E.	'03	Engineering Supplies & Mfgs'. Agt., 329-330 Frisco Bldg.	St. Louis, Mo.
Hooper, Lillian G.	B. Mus.	'06	Instructor of Music, U. of A.	Fayetteville, Ark.
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Horton, S. A.	B. A.	'91	Prin. of City School.	Houston, Texas.
House, J. W., Jr.	B. A.	'07	Law Student, Columbia U.	New York, N. Y.
Howell, Edward.	B. A.	'01	Lawyer.	Shawnee, Okla.
Howell, J. W.	B. L. L.	'85	Mgr. Ark. Cotton Oil Co. Plant.	Ft. Smith, Ark.
Howell, W.	B. S.	'87	Chief of U. S. Highway 1	Lawrence, Kan.
Hudgins, J. G.	L. I.	'05		
	B. A.	'05	Teacher.	Clarendon, Ark.
Hudgins, W. H.	B. C. E.	'01		
Hudson, J. H.	B. L. L.	'84		
Huie, R. W.	B. A.	'99	Banker.	Arkadelphia, Ark.
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Hunt, H. G.	B. A.	'06		
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Jeffries, S. S.	B. A.	'05	Ass't. Postmaster.	Clarendon, Ark.
Jennings, E.	B. A.	'77		Pittsburg, Kansas.
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Johnson, A. P.	B. A.	'76		
*Johnson, T. M.	B. L. L.	'80		
Johnston, J. H.	B. S. A.	'06		Little Rock, Ark.
Jones, C. W.	B. S.	'05		
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	B. L.	'85	Lawyer.	Little Rock, Ark.
Kirby, F. B.	B. A.	'99	Physician.	Harrison, Ark.
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Kitchens, T. B.	B. A.			
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Lanier, J. A. M.	B. A.	'82		Springfield, Mo.
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Leverett, Rose C.	B. A.	'07		
Leverett, S.	B. S.	'06		Magdalena, Mexico.
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McMillan, Della.	B. Mus.	'05	Mrs. B. O. Jackson.	Hamburg, Ark.
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Moore, J. H.	B. S.	'03	Chemist, Matheson Alkali Works.	Saltville, Va.
Moore, J. I.	B. A.	'81	Lawyer Pres. State Senate	Helena, Ark.
Moore, J. L.	B. M. E.	'97
Moore, Lucy J.	'75	Mrs. J. G. Ross.	Fayetteville, Ark.
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.....	M. S.	'03	Asst. Prof. of Hort., Miss Agr. College.	Starkville, Miss.
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Neal, W. H.....	B. I.	'76		
Nelson, R. J.....	L. I.	'03		
	B. S.	'04		
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Newman, A. J.....	B. A.	'01	Lawyer	Little Rock, Ark.
Newman, L. L.....	B. E. E.	'01		
Nicholls, G.....	B. A.	'08	With Colo. Ry. Assn., Rm.	
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Notrebe, L. P.....		'85		
Oats, T. F.....	B. A.	'82		
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	B. A.	'06	Prin. Cameron High School	Cameron, Tex.
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Oliver, Bessie.....	B. A.	'07		Fayetteville, Ark.
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Patton, C. C.....	B. A.	'01	Wholesale Hdw.....	St. Louis, Mo.
Patton, Alice L.....	B. L.	'77		
	A. B.	'78		
	M. A.	'79	Teacher.....	Fayetteville, Ark.
Patton, Mattie J....	B. L. L.	'80	Mrs. Chas. Jenkins.....	
Payne, B.....	B. A.	'06	Stenographer, Williams	
			Coal Co.....	McHenry, Ky.
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Philbeck, R. E.....	B. A.	'00	Instructor Prep. Dept.,	
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Pickel, J. W.....	B. A.	'82	Physician, 133 East Wash-	
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Pope, A. D.	B. S.	'06	Student, Univ. of Chicago Law School	Chicago, Ills.
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Pratt, D. H.	B. S.	'06	Fayetteville, Ark.
Pratt, F. H.	B. C. E.	'05	
Price, C. G.	B. A.	'98	Gen. Agt. Union Central Life Ins. Co.	Little Rock, Ark.
Pruett, G. C.	B. C. E.	'06	.....
Pruett, R. J.	B. C. E.	'06	Res. Engr., C. C. & C. Co.,	Bevier, Mo.
Pruett, W. E.	B. C. E.	'97	Asst. Eng., B. & B. Dept., C. M. & St. P. Ry.	Evanston, Ills.
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Purdy, Elizabeth N.	B. S.	'00	Mrs. G. T. Darden.	Blanton, Miss.
Putman, Anna.	M. A.	'75	Mrs. C. M. King.	Fayetteville, Ark.
Quarles, J. T.	B. M. E.	'04		
Rattenbury, W. H.	B. A.	'00	Salesman for Crunden- Martin of St. Louis, 101 Drake Block.	St. Paul, Minn.
Redus, J. L.	B. A.	'96	Supt. Public Schools.	Miami, Texas.
Reed, G. W. M., Jr., B. L. L.		'84	Atty., Sect'y of Interior.	Washington, D. C.
Reed, K. A.	B. E. E.	'07	.....	Norwood, Ohio.
Reed, Lina X.	B. A.	'81	.....	Fayetteville, Ark.
*Reed, Maggie.	B. A.	'78	Mrs. Presley Crawford	
Remy, Mollie.	B. A.	'06	Mrs. S. C. Treadwell.	Tishomingo, Okla
Reves, C. M.	B. A.	'05	Prin. Public Schools.	Corning, Ark.
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	B. S.	'03	Prin. Paris High School.	Paris, Ark.
Risser, Elizabeth I.	B. A.	'07	Fayetteville, Ark.
Risser, T. S.	B. E. E.	'04	Elec. Engr., Independent Telephone Co.	Omaha, Nebr.
Rogers, B. A.	B. A.			
	M. A.	'82	.....	Gravette, Ark.
Ross, H. L.	B. A.	'01	Missionary.	Matamoros, Mexico.
Ross, Lucy I.	B. A.	'01	.....
Ross, W. A.	B. A.	'98	Missionary.	Linares, N. L., Mex
*Ross, T. C.	B. A.	'80	.....
Ruggles, W. A.	B. E. E.	'03	Draftsman for Board of Education.	St. Louis, Mo.
Russell, L.	B. A.	'80		
Sadler, C. L.	B. C. E.	'01	Topographer, U. S. G. S.	Washington, D. C.
Sadler, D. K.	B. A.	'06	Boonville.

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Schoff, G. C.	B. C. E.	'88	Agt. Babcock & Wilcox Co.	Philadelphia, Pa.
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Shellenberger, Alice	B. A.	'04		Fayetteville, Ark.
Shook, Sarah	B. A.	'07		
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Shreve, A. W.	B. C. E.	'91	Lane Manufacturer . . .	Farmington, Ark.
Shreve, H. B.	B. C. E.	'91		
*Simms, W. D.	B. L.	'77		
*Simonds, Alice	B. S.	'96	Mrs. A. V. Smith	
Sivley, G. M.	B. S.	'07		
Skelton, G. V.	B. C. E.	'91		
	C. E.	'95	Prof. of Civil Engineering, Ore. Agr. College	Corvallis, Ore.
Skelton, J. E.	B. S.	'97	Chemist, Mathieson Alkali Works	Saltville, Va.
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Smilie, R. P.	B. C. E.	'07		
Smith, A. V.	V. A.	'98		
Smith, C. D.	B. A.	'02	Geologist, U. S. G. S. . . .	Washington, D. C.
Smith, Fannie M.	B. A.	'01		Little Rock, Ark.
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Spradlin, B. A.	B. A.	'07		
	L. I.	'06	Pres. Mountain Home Col- lege	Mount'n Home, Ark.
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Taff, Mary.	B. A.	'89	Mrs. G. V. Skelton.	Corvallis, Ore.
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Thomas, B. F.	B. A.	'07		Kerens, Texas.
Thomason, Annie C.	B. A.	'00	Mrs. C. L. Dunlap.	Clifton, Ariz.
Tidball, Nell.	B. A.	'07	Student, Mary Baldwin School.	Staunton, Va.
Tillar, B. J.	B. A.	'86		
Tillman, J. N.	B. L. L.	'80		
	L. L. D.	'07	Pres. U. of A.	Fayetteville, Ark.
Towler, G. F.	B. A.	'00		
Townsley, F. P.	B. S.	'07	Student U. of A.	Fayetteville, Ark.
Trendway, T. C.	B. E. E.	'01		
	E. E.	'04	Vice-Pres. Trendway Elect. Co.	Little Rock, Ark.
Trendway, W. A.	B. E. E.	'00		
	E. E.	'01		
	B. M. E.	'03	Pres. Trendway Elect. Co.	Little Rock, Ark.
Trendwell, L.	C. E.	'88	V. P. & Chief Engr. Union Bridge & Construction Co.	Kansas City, Mo.
Trendwell, S. C.	B. A.	'04	Lawyer.	Tishomingo, Okla.
Triplett, C. H., Jr.	B. A.	'01	Real Estate and Farming.	Pine Bluff, Ark.
Tyson, W. C.	B. C. E.	'07		Joplin, Mo.
Umbaugh, Ollie L.	B. A.	'07		
	L. I.	'07	Teacher.	Warren, Ark.
Vance, A. M.	B. C. E.	'93		
Vandeventer, J.	B. S.	'93	U. S. Navy.	
VanValkenburgh, H. B.				
	B. S.	'05	Missionary.	Kashing, China.
VanValkenburgh, W. M.				
	B. S.	'06	Student Boston Tech.	Boston, Mass.

*Deceased.

Name.	Degree.	Year.	Occupation,	Address,
Vaughan, G.....	B. A.	'96		
	B. L. L.	'98	Lawyer	Little Rock, Ark.
Vaulx, Eleanor.....	B. A.	'04		Somerville, Tenn.
Vaulx, Julia.....	B. A.	'92	Inst. in Eng., Iowa State College.....	Ames, Iowa.
Vaulx, Katherine D..	B. A.	'97		Fayetteville
Vaulx, S. F.....	B. A.	'92	Treasurer Bluff City Lbr.	
				Pine Bluff, Ark.
Waggener, Annie M..	B. L.	'77	Mrs. G. W. Marquess....	Summers, Ark.
Waggener, W. J.....	B. A.	'76		
	M. A.	'85		
Walker, J. V.....	B. A.	'77	Lawyer	Fayetteville, Ark.
Walker, J. W.....	B. A.	'04		
	L. I.	'04	Student, Medical School...	St. Louis, Mo.
Walls, C. A.....	B. A.	'07	Private Sect'y to Hon. J. T. Robinson, Student Law Dept., Georgetown Univ.....	Washington, D. C.
Warren, G. A.....	B. L.	'88	Physician.....	Black Rock, Ark.
Wasson, A. W.....	B. A.	'02	Missionary.....	Songdo, Korea.
Watson, C. A.....	B. A.	'77	Teacher.....	Fayetteville, Ark.
Watson, J. J.....	B. A.	'81		
Watson, J. T.....	B. C. E.	'01		Pine Bluff, Ark.
Webb, C. W.....	B. S.	'05	Medical Student, Johns Hopkins U.....	Baltimore, Md.
Webber, L. W.....	B. A.	'06		
Webster, F. H.....	B. E. E.	'05	Student, General Elect. Co.	Schenectady, N. Y.
Webster, Olive S....	B. A.	'01		Marvell, Ark.
Weld, Jean G.....	B. A.	'07		Marianna, Ark.
Weems, C. N.....	B. A.	'09		Smith's Grove, Ky.
Wheeler, J. N.....	B. A.	'01		Warren, Ark.
Whitehead, A. D....	B. S. A.	'05		
	L. I.	'04		
Wiley, Pearl E.....	B. S.	'02	Teacher of Science, Boone- ville High School.....	Booneville, Ark.
Wiley, Winona M....	B. A.	'99		Rocky Ford, Colo.
Wilkinson, W. N....	B. A.	'01	Cashier Farmers' Bank...	Greenwood, Ark.
Williams, Beulah....	B. A.	'05	Mrs. H. B. VanValkenburgh, Jr., Missionary.....	Kashing, China.
Williams, C. X.....	B. A.	'04		
	L. I.	'02		Booneville, Ark.
Williams, Hattie....	B. A.	'98	Teacher.....	Fayetteville, Ark.
Williams, Jennie....	B. A.	'06	Teacher.....	Ft. Smith, Ark.
Williams, Naomi J. B. L.	B. L. L.	'00		
	M. A.	'80	Instructor Prep. Dept., U. of A.....	Fayetteville, Ark.
*Willis, R. H.....	B. A.	'88		
Wilson, C. P.....	B. S. A.	'06	Student, Univ. of Pa.....	Philadelphia, Pa.

*Deceased.

Name.	Degree.	Year.	Occupation.	Address.
Wilson, H. H.	B. E. E.	'01	In Mech. Eng. Dept., Pa. Ry. Co.	Altoona, Pa.
Wilson, J. M.	B. S.	'07	Duncan Cotton Oil Co.	Duncan, Okla.
Wilson, J. R.	B. A.			
	L. I.	'04		
	L. L. B.	'06	Lawyer.	Warren, Ark
Wilson, Nellie C.	B. A.	'06		Ft. Smith, Ark
Wilson, W. O.	B. S.	'04		
	L. I.	'01	Teacher, Ft. Smith High School.	Ft. Smith, Ark.
Winters, W. L.	B. C. E.	'06	Asst. Supervising Engr., Bd. of Improvement.	Fayetteville, Ark.
Womack, J. P.	B. A.	'03		
	L. I.	'02	Prin. Stephens High School.	Stephens, Ark.
Wood, A. C.	B. M. E.	'92	Consulting Mech. Engr.	Philadelphia, Pa.
Wood, B. F.	B. E. E.	'93	Asst. Engr. Motive Power Pa. Ry. Co.	Altoona, Pa.
Wood, C. D.	B. A.	'79	Assoc. Justice Supreme Court.	Little Rock, Ark.
Wood, C. F.	B. C. E.	'04	Real Estate Broker.	Ft. Smith, Ark.
Wood, G. B.	B. A.	'99	Gen. Agt. K. C. S. Ry.	Shreveport, La.
Wood, J. S.	B. S. C.	'07	Cadet, U. S. Military Acad- emy.	West Point.
Woodall, W. H.	B. A.	'85		
Woolverton, C. D.	B. L. L.	'85		
York, J. O.	B. A.	'07	Asst. Prin. Public School, Harrison, Ark	
Young, Daisy	B. A.	'00		
Oishi, Zenki.	M. A.	'06		Japan

GRADUATES OF THE DEPARTMENT OF PHILOSOPHY AND PEDAGOGY.

Name.	Year.	Occupation.	Address.
Albright, Ella.....	'06	Teacher, Public School...	Cushman, Ark.
Audigier, Louie.....	'07	.....	Little Rock, Ark.
Barton, Maude L.....	'06	Teacher, Public School...	Ft. Smith, Ark.
Balch, C. P.....	'05	.....	.....
Bell, Lexie.....	'07	Student, U. of A.....	Fayetteville, Ark.
Blair, Leora.....	'07	Teacher.....	Dardanelle, Ark.
Blakeley, Leonora I. .	'78	Mrs. H. M. Hudgins	Fayetteville, Ark.
Blakemore, Amy...	'07	Teacher	DeQueen, Ark.
Blanchard, Fay H.....	'04	.....	Fayetteville, Ark.
Boggs, J. F.....	'07	.....	.....
Bryant, W. C.....	'07	Teacher.....	Mulberry, Ark.
Cabe, R. L.....	'06	Teacher.....	Bismarck, Ark.
Campbell, L. L.....	'06	Law Student, Columbia U.	New York, N. Y.
Cartwright, W. W.....	'03	Member General Assembly,	Mount'n View, Ark.
Clark, Flora L.....	'03	Mrs. Flora C. Olney.....	Mena, Ark.
Cole, Mary L.....	'04	Instructor in Languages, Stillwater High School.	Stillwater, Okla.
Crozier, Ruth.....	'07	Teacher.....	DeQueen, Ark.
Davis, Mary L.....	'04	Teacher.....	Texarkana, Ark.
Easterly, Maud L.....	'00	.....	.....
Ellis, Maggie.....	'08	.....	Fayetteville, Ark.
Evins, Sallie D.....	'07	.....	.....
Farrish, Myrtle.....	'07	Student, U. of A.....	Fayetteville, Ark.
Galloway, Irene D.....	'90	Librarian.....	Waxahachie, Texas.
Grubbs, J. M.....	'05	Lawyer.....	Argenta, Ark.
Hall, H. J.....	'87	.....	.....
Hamilton, W. J.....	'91	Merchant.....	Hartford, Ark.
Hardin, Lena J.....	'92	.....	Fayetteville, Ark.
Hart, Mary B.....	'07	.....	.....
Hobbs, W. D.....	'09	War Dept. Bldg.....	Washington, D. C.
Holcomb, C.....	'90	Mrs. E. F. Ellis.....	Fayetteville, Ark.
Hudgins, J. G.....	'05	Teacher.....	Clarendon, Ark.
Irby, Jamie.....	'07	.....	Newport, Ark.
Jernigan, W. J.....	'07	Student, U. of A.....	Fayetteville, Ark.
Johnson, D. A. E.....	'06	Student, U. of A.....	Fayetteville, Ark.
Jones, G. I.....	'07	.....	Little Rock, Ark.
Kex, K. C.....	'05	.....	Fayetteville, Ark.
Kimbrough, N. D.....	'00	.....	.....
Kuykendall, J. W.....	'04	Supt. of Schools.....	Ft. Smith, Ark.
Lamberton, Annie.....	'07	.....	Harrison, Ark.
Morgan, W. S.....	'07	Student, U. of A.....	Fayetteville, Ark.
Mitchell, B., Jr.....	'04	Adjunct Prof. of M. E., U. of A.....	Fayetteville, Ark.
Morrow, Lulu C.....	'99	Teacher, Public Schools...	Fayetteville, Ark.
Moore, Henrietta.....	'07	Teacher.....	Warren, Ark.
McRae, Rose.....	'07	.....	Little Rock, Ark.
McGraw, Ophelia.....	'07	Student, U. of A.....	Fayetteville, Ark.
Nelson, R. J.....	'03	Prof. of Agriculture, U. of A.....	Fayetteville, Ark.

Name.	Degree.	Year.	Occupation.	Address.
Oates, C. E.....		'04	Prin. Cameron High School	Cameron, Texas.
Petersen, W. J.....		'03	Supt. of Schools.....	Russellville, Ark.
Phillips, Grace.....		'05		Fayetteville Ark.
Pugh, Anna.....		'07	Teacher, Mountain Home College.....	Mount'n Home, Ark.
Southerland, J. W..		'88		
Spradling, B. A.....		'06	Pres. Mountain Home Col- lege.....	Mount'n Home, Ark.
Streeper, J. P.....		'03	Lawyer.....	Little Rock, Ark.
Stubblefield, Demie T.....		'09		Kansas City, Mo.
Tate, J. H.....		'87	Mgr. Teachers' Assn.....	Dallas, Texas.
Tidball, Nell.....		'07	Student, Mary Baldwin Institute.....	Staunton, Va.
Thompson, A. S.....		'04	Teacher.....	Springfield, Ark.
Umbaugh, Ollie L.....		'07	Teacher.....	Warren, Ark.
Walker, J. W.....		'04	Student, Medical School...	St. Louis, Mo.
Waters, W. H.....		'07		
Whitehead, A. D.....		'04		
Wilson, W. O.....		'04	Teacher Ft. Smith High School.....	Ft. Smith, Ark.
Wilson, J. R.....		'04	Lawyer.....	Warren, Ark.
Williams, C. N.....		'02		Booneville, Ark.
*Williams, Mattie.....		'07	Mrs. J. H. McLean.....	
Womack, J. P.....		'02	Prin. Stephens High School	Stephens, Ark.

*Deceased.

GRADUATES OF THE SHORT COURSE IN ELECTRICAL
ENGINEERING.

Name.	Year.	Occupation.	Address.
Bell, R. D.....	'04		
Bryant, R. B.....	'05	With I. R. Ry. & Elect. Co.....	Little Rock, Ark.
Cox, H. H.....	'05		
Edwards, R. M.....	'07	W. I. S. Co.....	St. Louis, Mo.
Gladson, A. J.....	'01	Electrical Engineer.....	Seattle, Wash.
Marble, S. I.....	'05	With Ill. Steel Co.....	S. Chicago, Ill.
McCloud, W. D.....	'06	With Consolidated Light & Power Co.....	St. Louis, Mo.
McCloud, B. J.....	'06	With Am. Bell Telephone Co.....	St. Louis, Mo.
McKinnon, B. C.....	'05	Supt. Meter Dept., Shreve- port Gas & Electric Lt. Co.....	Shreveport, La.
Morrow, D. B.....	'05		
Murphy, D. H.....	'04	With Fred A. Jones Co....	Dallas, Texas.
Pool, R. Y.....	'03		
Portnall, J. R.....	'05		
Rogers, H. E.....	'07		

GRADUATES IN MECHANICS AND ARTS COURSE.

Name.	Year.	Occupation.	Address.
Burton, M.....	'07	Telephone Const.....	Bald Knob, Ark.
Catts, E. C.....	'04	M. E. Dept., Eagle & Phoenix Cotton Mills.....	Columbus, Ga.
Chase, G. C.....	'04		
Dean, H. W.....	'07	Inst. M. E. Dept. U. of A., Fayetteville, Ark.	
Faucett, C. S.....	'03		
Finley, W.....	'07		Fayetteville, Ark.
Jackson, W.....	'03		Cane Hill, Ark.
Leverett, E. V.....	'02	Supt. City Electric Lt. Plant.....	Bentonville, Ark.
Larrabee, R. A.....	'07		Fayetteville, Ark.
Mackey, I.....	'04		
Pyeatt, T. S.....	'07		Cane Hill, Ark.
Shivel, O. L.....	'04		Galena, Kansas.

Alphabetical List of Officers and Students of the Departments at Fayetteville

Abbreviations.—*Adj. Prof.*, Adjunct Professor; *Assoc. Prof.*, Associate Professor; *C.*, Conservatory of Music and Arts; *Fr.*, Freshman; *Gr.*, Graduate; *Instr.*, Instructor; *Jr.*, Junior; *1 P.*, First Year Preparatory; *2 P.*, Second Year Preparatory; *Prof.*, Professor; *S. C.*, Short Course in Engineering; *So.*, Sophomore; *Sp.*, Special; *Sr.*, Senior; *Un.*, Unclassified. For students by classes, see pp. 189,¹*et seq.*; for officers see pp. 9 *et seq.*

Abbott, T. O., <i>Fr.</i>	Baker, R. K., <i>2 P.</i>	Bettis, Rena, <i>2 P.</i>
Adams, C. F., <i>Prof.</i>	Baker, L. S., <i>2 P.</i>	Billingsley, A. L., <i>2 P.</i>
Adams, May, <i>1 P.</i>	Ball, S. M., <i>1 P.</i>	Bills, A. F., <i>Sp.</i>
Aday, Arvelle O., <i>1 P.</i>	Balenger, R. B., <i>1 P.</i>	Bilyeu, R. A., <i>1 P.</i>
Akins, W. T., <i>1 P.</i>	Bancroft, D. H., <i>2 P.</i>	Binkley, R. J., <i>So.</i>
Alcorn, M. O., <i>Fr.</i>	Bonds, Ola, <i>1 P.</i>	Black, Kate E., <i>Fr.</i>
Alewine, O. M., <i>1 P.</i>	Barnett, T. J., <i>Fr.</i>	Blackshare, Deane, <i>1 P.</i>
Alexander, C. C., <i>Adj. Prof.</i>	Barr, F. D., <i>Band Inst.</i>	Black, L. G., <i>Fr.</i>
Alford, W. L., <i>2 P.</i>	Barrett, A. J., <i>So.</i>	Blackshare, Jennie L., <i>2 P.</i>
Allen, Annie, <i>1 P.</i>	Barrett, J. E., <i>S. C.</i>	Blackshare, L. E., <i>2 P.</i>
Allen, R. F., <i>Fr.</i>	Barrett, Ruben, <i>Sr.</i>	Blackshare, Lochie, <i>1 P.</i>
Allen, E., <i>So.</i>	Barron, W. W., <i>1 P.</i>	Blackshare, W. M., <i>1 P.</i>
Allen, Sarah, E., <i>1 P.</i>	Barton, D. R., <i>Fr.</i>	Blake, Estelle M., <i>Inst.</i>
Allen, J. C., <i>Jr.</i>	Barton, H. W., <i>Fr.</i>	Blair, E. T., <i>2 P.</i>
Allison, Martha, <i>1 P.</i>	Rasham, L., <i>Fr.</i>	Blair, J. H., <i>So.</i>
Alphin, J. H., <i>Fr.</i>	Bassett, J. W., <i>Fr.</i>	Blair, S. T., <i>So.</i>
Ambrose, R., <i>1 P.</i>	Bateman, Mary C., <i>Instr. Music.</i>	Blair, T. C., <i>Jr.</i>
Anderson, C. C., <i>1 P.</i>	Baugh, J. M., <i>2 P.</i>	Blakemore, T. L., <i>Sr.</i>
Anderson, D. O., <i>Fr.</i>	Baum, E. J., <i>Fr.</i>	Blakemore, W. A., <i>Fr.</i>
Andrews, I. I., <i>1 P.</i>	Baum, Leah C., <i>2 P.</i>	Bland, Rose, <i>Inst.</i>
Andrews, J. A., <i>2 P.</i>	Bayley, W. S., <i>Jr.</i>	Bledsoe, H. W., <i>1 P.</i>
Armitage, J. G., <i>Fr.</i>	Baxendale, Jno., <i>S. C.</i>	Bledsoe, J. L., <i>So.</i>
Armstrong, R. B., <i>1 P.</i>	Beall, L. A., <i>2 P.</i>	Bledsoe, Sallie, <i>1 P.</i>
Arnold, E. L., <i>1 P.</i>	Beardsley, J. M., <i>Fr.</i>	Block, Sam, <i>Sp.</i>
Arnold, G. J., <i>So.</i>	Beckett, L., <i>So.</i>	Boles, A. P., <i>Sr.</i>
Arnold, Lillian, <i>Fr.</i>	Belknap, J. R., <i>Sr.</i>	Boles, C. B., <i>So.</i>
Ashley, J. C., <i>Fr.</i>	Bell, B. F., <i>1 P.</i>	Bond, S. P., <i>Fr.</i>
Atkinson, J. H., <i>So.</i>	Bell, C. H., <i>Fr.</i>	Bonds, A. B., <i>1 P.</i>
Austin, R. M., <i>2 P.</i>	Bell, Jesse V., <i>1 P.</i>	Boner, R. P., <i>1 P.</i>
Austin, J. B., <i>So.</i>	Bell, Lexie, <i>Jr.</i>	Boone, D. M., <i>Sp.</i>
Badenelli, E. B., <i>So.</i>	Bell, Mable C., <i>Sp.</i>	Bowden, E., <i>1 P.</i>
Baggett, W. H., <i>1 P.</i>	Beloate, Viola E., <i>So.</i>	Bown, A. W., <i>S. C.</i>
Bagley, H. S., <i>Fr.</i>	Benbrook, G., <i>1 P.</i>	Bowen, S. C., <i>Fr.</i>
Bailey, P. W., <i>So.</i>	Bennett, Fred, <i>So.</i>	Boyd, B. H., <i>2 P.</i>
Baird, G. H., <i>1 P.</i>	Benson, Maydelle, <i>Sp.</i>	Bozarth, G. E., <i>1 P.</i>
Baker, A. O., <i>Fr.</i>	Berry, F. E., <i>1 P.</i>	

- Brack, C. L., *Jr.*
 Bradford, C. G., *Fr.*
 Brawley, W. C., *Inst.*
 Bradley, DuVal, 2 *P.*
 Breckenridge, G. T.
 Trustee.
 Brewster, Francis, 1 *P.*
 Brugg, P. N., 2 *P.*
 Brizzolara, Jno., *Sr.*
 Brockman, Donna B.,
 Fr.
 Brough, C. H., *Prof.*
 Brown, Anna, 1 *P.*
 Brown, D. W., 2 *P.*
 Brown, C. C., *Sr.*
 Brown, C. J., *Fr.*
 Brown, E. A., *So.*
 Brown, Jessie H., 2 *P.*
 Brown, Mollic, *Matron.*
 Brown, R. H., 1 *P.*
 Brown, R. L., 2 *P.*
 Brownfield, Martha,
 Sp.
 Brownson, Sarah E.,
 Sp.
 Brunson, T. R., *Sr.*
 Bryan, J. A., *Fr.*
 Bryan, P. L., 1 *P.*
 Bryan, Frank, *Fr.*
 Bryan, Maud E., *Fr.*
 Bryan, Zella, *Sp.*
 Buck, W. R., *Fr.*
 Buckelew, Nora E., 1 *P.*
 Buckley, V. B., *Fr.*
 Bullock, T. J., 1 *P.*
 Bullock, W. L., *Fr.*
 Bumpass, E. K., *Fr.*
 Bunn, J. B., *Jr.*
 Burke, J. G., 1 *P.*
 Burgin, W. D., *Fr.*
 Burholter, L. R., 1 *P.*
 Burn, F. A., *So.*
 Burn, W. R., 2 *P.*
 Burns, Clara, *Fr.*
 Burnside, Mollic, *Fr.*
 Butler, P. C., 1 *P.*
 Butler, Tella, 1 *P.*
 Byrd, E. V., *Sr.*
 Byler, C. E., 2 *P.*
 Byrne, L. H., *Fr.*
 Byrnes, Burnie, *Fr.*
 Cahm, H. E., 2 *P.*
 Calaban, L., 1 *P.*
 Calhoun, Z. T., 2 *P.*
 Callaway, A. F., 1 *P.*
 Callaway, T. J., 1 *P.*
 Campbell, G. M., 1 *P.*
 Campbell, K., 1 *P.*
 Campbell, Madge, *So.*
 Campbell, S. J., *So.*
 Campbell, W. G., *So.*
 Cannon, W. B., 1 *P.*
 Cannon, Margaret, *Fr.*
 Cappleman, G. D., 1 *P.*
 Carden, W. M., *Fr.*
 Carnell, Bess, *Jr.*
 Carnes, Mary G., *So.*
 Carroll, C. G., *Prof.*
 Carroll, Mrs. C. G.,
 Sp.
 Carruth, R. H., *Fr.*
 Carter, Bess, 2 *P.*
 Carter, Clara, 1 *P.*
 Carter, G. B., 1 *P.*
 Carter, Mada May,
 Fr.
 Carter, Nima, *So.*
 Carter, Oscicola, 2 *P.*
 Carter, Opie, *Fr.*
 Carter, Von, 1 *P.*
 Carter, Witt, S. C.
 Cash, C. C., *Jr.*
 Caudle, R. A., 2 *P.*
 Caudle, R. D., 2 *P.*
 Cella, Carrie L., 1 *P.*
 Chamberlain, R. R., *So.*
 Chandler, P. E., *Fr.*
 Charlesworth, C., 1 *P.*
 Check, B., S. C.
 Cheever, Louise, *So.*
 Chester, C., 2 *P.*
 Childress, Virginia, *So.*
 Childress, Nora, *Sr.*
 Choate, Mattie, R.,
 1 *P.*
 Chunn, G. D., *Sr.*
 Clapp, C. D., *Fr.*
 Clark, E. H., 1 *P.*
 Clark, Ophelia A., 2 *P.*
 Clark, U. R., 2 *P.*
 Clark, Wahneetah, *So.*
 Coker, Jno., *Jr.*
 Coker, R. W., 1 *P.*
 Cole, G. A., *Prof.*
 Cole, K. E., *So.*
 Cole, L. R., 1 *P.*
 Coleman, Nell, *Jr.*
 Combs, Bertha, *Sp.*
 Combs, Effie, *Sp.*
 Compton, Helen, 2 *P.*
 Conatser, R. C., *Fr.*
 Conner, Verna L., *So.*
 Cook, E. T., 1 *P.*
 Cook, Ira, *Jr.*
 Cook, J. D., jr., *Fr.*
 Cook, E. F., *Sr.*
 Cook, G., *So.*
 Cook, J. E., *So.*
 Cook, J. F., *So.*
 Cook, J. H., 1 *P.*
 Cook, Maud, 1 *P.*
 Cook, S. D., *Fr.*
 Cook, S. M., *So.*
 Cooper, Eunice N.,
 Fr.
 Corbell, O. M., 2 *P.*
 Cornwell, W. G., 2 *P.*
 Cora, Flora L., *So.*
 Cotham, Blanche, *Jr.*
 Cotham, Ruby, *Jr.*
 Couch, Nellie S., *Fr.*
 Couch, W. P., 1 *P.*
 Cox, Mary J., 2 *P.*
 Cox, Nellie, 1 *P.*
 Cozart, J. G., 2 *P.*
 Cozart, Martha H., 1 *P.*
 Cozart, W. L., *Fr.*
 Craig, Pearl V., *Fr.*
 Craven, Alberta, 1 *P.*
 Craven, Ruby, *Fr.*
 Crawford, H. V., *So.*
 Creekmore, Margaret,
 Sp.
 Creekmore, S. W., *Fr.*
 Crippin, Orila, 1 *P.*
 Crockett, Mary D.,
 Matron.
 Crockett, Willie V.,
 Inst.

- Crook, C. B., *So*.
 Croxdale, E. T., *1 P*.
 Croxdale, E. W., *1 P*.
 Croxdale, Helen E., *Fr*.
 Croxdale, Bessie W., *Fr*.
 Culbertson, R. R., *1 P*.
 Culbreath, Jim, *2 P*.
 Culwell, J. W., *1 P*.
 Curlin, C. P., *2 P*.
 Curl, May, *So*.
 Cypery, A. B., *Fr*.
 Daniel, R. W., *1 P*.
 Davies, E. D., *Fr*.
 Davis, A. C., *Jr*.
 Davis, D. R., *Fr*.
 Davis, G. E., *1 P*.
 Davis, H. A., *Fr*.
 Davis, Jno., *Fr*.
 Davis, J. M., *2 P*.
 Davis, Lila, *2 P*.
 Davis, Mary A., *Inst*.
 Davis, Mabel A., *Sp*.
 Davis, M. L., *Trustee*.
 Davis, O. L., *Jr*.
 Davis, Olga, *So*.
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4. Agricultural Building.
5. Experiment Station.
6. Office of Director of Experimental Station.
7. Hospital.
8. Dairy Building.
9. Residence of Foreman of Farm.
10. Hall.
11. G. W. Hall.
12. Buchanan Hall.
13. Bath House.
14. Stable.
15. Engineering Hall.
16. Barn.
17. Mill.
18. Grand Stand.
- A, B, C. Tennis Courts.

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A

University Hall

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1

B

C

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